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## OSLC Systems Modeling Language Version 2.0 Part 3: Constraints

**Project Specification Draft 01**

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#### Additional components:

This specification is one component of a Work Product that also includes:

- *OSLC Systems Modeling Language Version 2.0. Part 1: Specification.* [sysml-spec.html](#)
- *OSLC Systems Modeling Language Version 2.0. Part 2: Vocabulary.* [sysml-vocab.html](#)
- *OSLC Systems Modeling Language Version 2.0. Part 3: Constraints (this document).* [sysml-shapes.html](#)
- *OSLC Systems Modeling Language Version 2.0. Part 4: Machine Readable Vocabulary Terms.* [sysml-vocab.ttl](#)
- *OSLC Systems Modeling Language Version 2.0. Part 5: Machine Readable Constraints.* [sysml-shapes.ttl](#)

#### Related work:

This specification is related to:

- *OMG Systems Modeling Language.* <https://www.omg.org/spec/SysML/>
- *Systems Modeling Application Programming Interface (API) and Services.* <https://www.omg.org/spec/SystemsModelingAPI/1.0/Beta1/PDF>

#### RDF Namespaces:

<http://open-services.net/ns/sysmlv2#>

#### Abstract:

OSLC Systems Modeling Language Version 2.0. Part 3: Constraints defines the standard OSLC constraint on the RDF vocabulary terms and resources that are the OSLC representation of the corresponding OMG Systems Modeling Language Version 2.0.

#### Status:

This document was last revised or approved by the [OASIS Open Services for Lifecycle Collaboration \(OSLC\) OP](#) on the above date. The level of approval is also listed above. Check the “Latest stage” location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Open Project are listed at <https://open-services.net/about/>.

Comments on this work can be provided by opening issues in the project repository or by sending email to the project’s public comment list [oslc-op@lists.oasis-open-projects.org](mailto:oslc-op@lists.oasis-open-projects.org).

Note that any machine-readable content ([Computer Language Definitions](#)) declared Normative for this Work Product is provided in separate plain text files. In the event of a discrepancy between any such plain text file and

display content in the Work Product's prose narrative document(s), the content in the separate plain text file prevails.

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## 1. Introduction

*This section is non-normative.*

RDF vocabularies define the terms and resources for a domain of interest, life-cycle management in the case of OSLC SysML v2. These vocabularies are often specified in an open manner, without providing information such as property domain and range assertions, cardinalities, etc. This helps keep the vocabulary applicable for a wide range of uses and furthering integration with other vocabularies.

However, it is often desirable to closed down a vocabulary with specific constraints to facilitate using the vocabulary for a specific purpose. This document specifies the constraints for using the OSLC SysML v2 vocabulary in OSLC. Different sets of constraints may be applied to a vocabulary in order to tailor its use, without overly constraining the vocabulary for other usages.

These constraints apply to the core vocabulary defined in [OSLC SysML Version 2.0. Part 2: Vocabulary](#).

### 1.1 Terminology

*This section is non-normative.*

Terminology is based on OSLC Core Overview [[OSLCCore3](#)], W3C Linked Data Platform [[LDP](#)], W3C's Architecture of the World Wide Web [[WEBARCH](#)], Hyper-text Transfer Protocol [[HTTP11](#)]. Terminology for this specification is defined in part 1 of the multi-part specification.

### 1.2 References

#### 1.2.1 Normative references

[[HTTP11](#)]

R. Fielding, Ed.; J. Reschke, Ed.. [Hypertext Transfer Protocol \(HTTP/1.1\): Message Syntax and Routing](#). IETF, June 2014. Proposed Standard. URL: <https://httpwg.org/specs/rfc7230.html>

[[LDP](#)]

Steve Speicher; John Arwe; Ashok Malhotra. [Linked Data Platform 1.0](#). W3C, 26 February 2015. W3C Recommendation. URL: <https://www.w3.org/TR/ldp/>

[[OSLCCore3](#)]

Jim Amsden; S. Speicher. [OSLC Core Version 3.0. Part 1: Overview](#). OASIS. Project Specification Draft. URL: <https://docs.oasis-open-projects.org/oslc-op/core/v3.0/oslc-core.html>

[[RFC2119](#)]

S. Bradner. [Key words for use in RFCs to Indicate Requirement Levels](#). IETF, March 1997. Best Current Practice. URL: <https://www.rfc-editor.org/rfc/rfc2119>

[[RFC8174](#)]

B. Leiba. [Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words](https://www.rfc-editor.org/rfc/rfc8174). IETF, May 2017. Best Current Practice. URL: <https://www.rfc-editor.org/rfc/rfc8174>

### 1.2.2 Informative references

[WEBARCH]

Ian Jacobs; Norman Walsh. [Architecture of the World Wide Web, Volume One](https://www.w3.org/TR/webarch/). W3C, 15 December 2004. W3C Recommendation. URL: <https://www.w3.org/TR/webarch/>

## 1.3 Typographical Conventions and Use of RFC Terms

As well as sections marked as non-normative, all authoring guidelines, diagrams, examples, and notes in this specification are non-normative. Everything else in this specification is normative.

The key words "**MUST**", "**MUST NOT**", "**REQUIRED**", "**SHALL**", "**SHALL NOT**", "**SHOULD**", "**SHOULD NOT**", "**RECOMMENDED**", "**NOT RECOMMENDED**", "**MAY**", and "**OPTIONAL**" in this specification are to be interpreted as described in [BCP 14](#) [[RFC2119](#)] [[RFC8174](#)] when, and only when, they appear in all capitals, as shown here.

In addition to the namespace URIs and namespace prefixes `oslc`, `rdf`, `dcterms` and `foaf` defined in the [OSLC Core specification](#), OSLC SysML v2 defines the namespace URI of `http://open-services.net/ns/sysmlv2#` with a namespace prefix of `oslc_sysmlv2`

This specification also uses these namespace prefix definitions:

- `oslc` : `http://open-services.net/ns/core#` [[OSLCCore3](#)]

## 2. Resource Constraints

This section specifies the constraints for the SysML v2 resources. The resource properties are not limited to the ones defined in this specification, SysML v2 Servers may provide additional properties. It is recommended that any additional properties exist in their own unique namespace and not use the namespaces defined in these specifications.

- **Describes:** <http://open-services.net/ns/sysmlv2#AnnotatingElement>
- **Summary:** AnnotatingElementShape
- **Description:** An **AnnotatingElement** is an **Element** that provides additional description of or metadata on some other **Element**. An **AnnotatingElement** is either attached to its **annotatedElements** by **Annotation Relationships**, or it implicitly annotates its **owningNamespace**.

### AnnotatingElement Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-1].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#EventOccurrenceUsage>
- **Summary:** EventOccurrenceUsageShape
- **Description:** An `EventOccurrenceUsage` is an `OccurrenceUsage` that represents another `OccurrenceUsage` occurring as a `suboccurrence` of the containing occurrence of the `EventOccurrenceUsage`. Unless it is the `EventOccurrenceUsage` itself, the referenced `OccurrenceUsage` is related to the `EventOccurrenceUsage` by a `ReferenceSubsetting Relationship`.

#### EventOccurrenceUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespaces</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:eventOccurrenceUsage_EventOccurrence</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsage</code> referenced as an event by this <code>EventOccurrenceUsage</code> . It is the <code>referenceFeature</code> of the <code>ownedReferenceSubsetting</code> for the <code>EventOccurrenceUsage</code> , if there is one, and, otherwise, the <code>EventOccurrenceUsage</code> itself.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>&gt;</code> <b>AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>&gt;</code> <b>EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-2].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConjugatedPortDefinition>
- **Summary:** ConjugatedPortDefinitionShape
- **Description:** A `ConjugatedPortDefinition` is a `PortDefinition` that is a `PortDefinition` of its original `PortDefinition`. That is, a `ConjugatedPortDefinition` inherits all the `features` of the original `PortDefinition`, but input `flows` of the original `PortDefinition` become outputs on the `ConjugatedPortDefinition` and output `flows` of the original `PortDefinition` become inputs on the `ConjugatedPortDefinition`. Every `PortDefinition` (that is not itself a `ConjugatedPortDefinition`) has exactly one corresponding `ConjugatedPortDefinition`, whose effective name is the name of the `originalPortDefinition`, with the character `~` prepended.

#### ConjugatedPortDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:conjugatedPortDefinition_OriginalPortDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PortDefinition</code>	The original <code>PortDefinition</code> for this <code>ConjugatedPortDefinition</code> , which is the <code>owningNamespace</code> of the <code>ConjugatedPortDefinition</code> .
<code>oslc_sysmlv2:conjugatedPortDefinition_OwnedPortConjugator</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PortConjugation</code>	The <code>PortConjugation</code> that is the <code>ownedConjugator</code> of this <code>ConjugatedPortDefinition</code> , linking it to its <code>originalPortDefinition</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>owned members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:portDefinition_ConjugatedPortDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ConjugatedPortDefinition</code>	The that is conjugate to this <code>PortDefinition</code> ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-3].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ActionDefinition>
- **Summary:** ActionDefinitionShape
- **Description:** An **ActionDefinition** is a **Definition** that is also a **Behavior** that defines an **Action** performed by a system or part of a system.

## ActionDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this OccurrenceDefinition is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-4].



Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ReturnParameterMembership>
- **Summary:** ReturnParameterMembershipShape
- **Description:** A `ReturnParameterMembership` is a `ParameterMembership` that indicates that the `ownedMemberParameter` is the `result parameter` of a `Function` or `Expression`. The `direction` of the `ownedMemberParameter` must be `out`.

## ReturnParameterMembership Properties

Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that this <code>FeatureMembership</code> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that owns this <code>FeatureMembership</code> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:parameterMembership_OwnedMemberParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is identified as a <code>parameter</code> by this <code>ParameterMembership</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element <a href="#">[sml-5]</a> .
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SuccessionAsUsage>
- **Summary:** SuccessionAsUsageShape
- **Description:** A `SuccessionAsUsage` is both a `ConnectorAsUsage` and a `Succession`.

SuccessionAsUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.



Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:succession_EffectStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that represent occurrences that are side effects of the <b>transitionStep</b> occurring.
<code>oslc_sysmlv2:succession_GuardExpression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	<b>Expressions</b> that must evaluate to true before the <b>transitionStep</b> can occur.
<code>oslc_sysmlv2:succession_TransitionStep</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	A <b>Step</b> that is typed by the <b>Behavior</b> <b>TransitionPerformances::TransitionPerformance</b> (from the Kernel Semantic Library) that has this <b>Succession</b> as its <b>transitionLink</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:succession_TriggerStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that map incoming events to the timing of occurrences of the <b>transitionStep</b> . The values of <b>triggerStep</b> subset the list of acceptable events to be received by a <b>Behavior</b> or the object that performs it.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-6].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#InvocationExpression>
- **Summary:** InvocationExpressionShape
- **Description:** An `InvocationExpression` is an `Expression` each of whose input `parameters` are bound to the `result` of an `argument` Expression.

#### InvocationExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the ownedRelationships of this Element. This property may be true, even if there are not actually any ownedRelationships with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then ownedRelationships may not contain any implied Relationships. That is, either all required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its owningNamespace. This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The ownedRelationships of this Element that are Annotations, for which this Element is the annotatedElement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The value <b>Expressions</b> of the <b>FeatureValues</b> of the owned input parameters of the <b>InvocationExpression</b> .
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = true.
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-7].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RequirementDefinition>
- **Summary:** RequirementDefinitionShape
- **Description:** A `RequirementDefinition` is a `ConstraintDefinition` that defines a requirement used in the context of a specification as a constraint that a valid solution must satisfy. The specification is relative to a specified subject, possibly in collaboration with one or more external actors.

#### RequirementDefinition Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>code&gt;CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result</b> parameter of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementDefinition</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementDefinition_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementDefinition</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementDefinition</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementDefinition_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementDefinition</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementDefinition</b> .
<code>oslc_sysmlv2:requirementDefinition_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementDefinition</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementDefinition</b> .
<code>oslc_sysmlv2:requirementDefinition_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementDefinition</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementDefinition</b> with <b>kind = requirement</b> .
<code>oslc_sysmlv2:requirementDefinition_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementDefinition</b> that represent stakeholders for th requirement.
<code>oslc_sysmlv2:requirementDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementDefinition</b> that represents its subject.
<code>oslc_sysmlv2:requirementDefinition_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <b>RequirementDefinition</b> , derived from the <b>bodies</b> of the <b>documentation</b> of the <b>RequirementDefinition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-8].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ItemFlowEnd>
- **Summary:** ItemFlowEndShape
- **Description:** An `ItemFlowEnd` is a `Feature` that is one of the `connectorEnds` giving the `source` or `target` of an `ItemFlow`. For `ItemFlows` typed by `FlowTransfer` or its specializations, `ItemFlowEnds` must have exactly one `ownedFeature`, which redefines `Transfer::source::sourceOutput` or `Transfer::target::targetInput` and redefines the corresponding feature of the `relatedElement` for its end.

ItemFlowEnd Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-9].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Connector>
- **Summary:** ConnectorShape
- **Description:** A **Connector** is a usage of **Associations**, with links restricted according to instances of the **Type** in which they are used (domain of the **Connector**). The **associations** of the **Connector** restrict what kinds of things might be linked. The **Connector** further restricts these links to be between values of **Features** on instances of its domain.

#### Connector Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature that are chained together to determine the values of this Feature, derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this Feature, in the same order. The values of a Feature with <code>chainingFeatures</code> are the same as values of the last Feature in the chain, which can be found by starting with the values of the first Feature (for each instance of the domain of the original Feature), then using each of those as domain instances to find the values of the second Feature in <code>chainingFeatures</code> , and so on, to values of the last Feature.
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this Feature are determined or used (as specified for the <code>FeatureDirectionKind</code> ).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-10].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FlowConnectionDefinition>
- **Summary:** FlowConnectionDefinitionShape
- **Description:** A **FlowConnectionDefinition** is a **ConnectionDefinition** and **ActionDefinition** that is also an **Interaction** representing flows between **Usages**.

#### FlowConnectionDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:connectionDefinition_ConnectionEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that define the things related by the <b>ConnectionDefinition</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the ownedRelationships of this Element. This property may be true, even if there are not actually any ownedRelationships with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then ownedRelationships may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its owningNamespace. This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The ownedRelationships of this Element that are Annotations, for which this Element is the annotatedElement.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this Namespace that result from the <code>ownedImports</code> of this Namespace.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Relationship</b> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this <b>Relationship</b> that are owned by the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this <b>Relationship</b> that owns the <b>Relationship</b> , if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this <b>Relationship</b> , derived as the union of the <b>source</b> and <b>target</b> <b>Elements</b> of the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this <b>Relationship</b> is considered to be directed..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-11].



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#VariantMembership>
- **Summary:** VariantMembershipShape
- **Description:** A `VariantMembership` is a `Membership` between a variation point `Definition` or `Usage` and a `Usage` that represents a variant in the context of that variation. The `membershipOwningNamespace` for the `VariantMembership` must be either a `Definition` or a `Usage` with `isVariation = true`.

#### VariantMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:variantMembership_OwnedVariantUsage</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> that represents a variant in the context of the <code>owningVariationDefinition</code> Or <code>owningVariationUsage</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-12].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#NullExpression>
- **Summary:** NullExpressionShape
- **Description:** A `NullExpression` is an `Expression` that results in a null value.

NullExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-13].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralString>
- **Summary:** LiteralStringShape
- **Description:** A **LiteralString** is a **LiteralExpression** that provides a **String** value as a result. Its **result parameter** must have the type **String**.

#### LiteralString Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:literalString_Value</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>String</b> value that is the result of evaluating this <b>LiteralString</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoinedType</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-14].



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#EnumerationUsage>
- **Summary:** EnumerationUsageShape
- **Description:** An `EnumerationUsage` is an `AttributeUsage` whose `attributeDefinition` is an `EnumerationDefinition`.

#### EnumerationUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
dcterms:type	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
jazz_am:derives	Zero-or-many	false	Resource	Reference	oslc:Any	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
jazz_am:elaborates	Zero-or-many	false	Resource	Reference	oslc:Any	This resource elaborates the referenced resource.
jazz_am:external	Zero-or-many	false	Resource	Reference	oslc:Any	A generic link from a resource to an external web page.
jazz_am:refine	Zero-or-many	false	Resource	Reference	oslc:Any	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
jazz_am:satisfy	Zero-or-many	false	Resource	Reference	oslc:Any	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
jazz_am:trace	Zero-or-many	false	Resource	Reference	oslc:Any	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
oslc_sysmlv2:attributeUsage_AttributeDefinition	Zero-or-many	false	Resource	Either	oslc_sysmlv2:DataType	The <b>DataTypes</b> that are the types of this <b>AttributeUsage</b> . Nominally, these are <b>AttributeDefinitions</b> , but other kinds of kernel <b>DataTypes</b> are also allowed, to permit use of <b>DataTypes</b> from the Kernel Model Libraries.
oslc_sysmlv2:element_AliasIds	Zero-or-many	false	unspecified	Either	xsd:string	Various alternative identifiers for this Element. Generally, these will be set by tools.
oslc_sysmlv2:element_DeclaredName	Zero-or-one	false	unspecified	Either	xsd:string	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:enumerationUsage_EnumerationDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:EnumerationDefinition</code>	The single <code>EnumerationDefinition</code> that is the type of this <code>EnumerationUsage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .



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<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <b>isVariation = true</b> . If <b>isVariation = false</b> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <b>isVariation = true</b> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <b>isVariation = false</b> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-15].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#OperatorExpression>
- **Summary:** OperatorExpressionShape
- **Description:** An **OperatorExpression** is an **InvocationExpression** whose **function** is determined by resolving its **operator** in the context of one of the standard packages from the Kernel Function Library.

## OperatorExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>value Expressions</code> of the <code>FeatureValues</code> of the owned input parameters of the <code>InvocationExpression</code> .
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:operatorExpression_Operator</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	An <b>operator</b> symbol that names a corresponding <b>Function</b> from one of the standard packages from the Kernel Function Library .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-16].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#BooleanExpression>
- **Summary:** BooleanExpressionShape
- **Description:** A **BooleanExpression** is a **Boolean**-valued **Expression** whose type is a **Predicate**. It represents a logical condition resulting from the evaluation of the **Predicate**.

#### BooleanExpression Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-17].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#StateDefinition>
- **Summary:** StateDefinitionShape
- **Description:** A `StateDefinition` is the `Definition` of the Behavior of a system or part of a system in a certain state condition.

#### StateDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:stateDefinition_DoAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateDefinition</b> to be performed while in the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateDefinition</b> by a <b>StateSubactionMembership</b> with <b>kind = do</b> .
<code>oslc_sysmlv2:stateDefinition_EntryAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateDefinition</b> to be performed on entry to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateDefinition</b> by a <b>StateSubactionMembership</b> with <b>kind = entry</b> .
<code>oslc_sysmlv2:stateDefinition_ExitAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateDefinition</b> to be performed on exit to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateDefinition</b> by a <b>StateSubactionMembership</b> with <b>kind = exit</b> .
<code>oslc_sysmlv2:stateDefinition_IsParallel</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>ownedStates</b> of this <b>StateDefinition</b> are to all be performed in parallel. If true, none of the <b>ownedActions</b> (which includes <b>ownedStates</b> ) may have any incoming or outgoing <b>Transitions</b> . If false, only one <b>ownedState</b> may be performed at a time.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:stateDefinition_State</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> , which are <code>actions</code> in the <code>StateDefinition</code> , that specify the discrete states in the behavior defined by the <code>StateDefinition</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-18].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#NamespaceExpose>
- **Summary:** NamespaceExposeShape
- **Description:** A `NamespaceExpose` is an `Expose Relationship` that exposes the `Memberships` of a specific `importedNamespace` and, if `isRecursive = true`, additional `Memberships` recursively.

#### NamespaceExpose Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported <b>Element</b> for this Import. For a <b>MembershipImport</b> , this is the <code>memberElement</code> of the <code>importedMembership</code> . For a <b>NamespaceImport</b> , it is the <code>importedNamespace</code> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> into which Memberships are imported by this Import, which must be the <code>owningRelatedElement</code> of the Import.
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import memberships without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import Memberships from visible, owned sub-Namespaces.
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this Import relative to the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespaceImport_ImportedNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> whose visible <b>Memberships</b> are imported by this <b>NamespaceImport</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-19].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Specialization>
- **Summary:** SpecializationShape
- **Description:** `Specialization` is a `Relationship` between two `Types` that requires all instances of the `specific` type to also be instances of the `general` Type (i.e., the set of instances of the `specific` Type is a *subset*



of those of the **general** Type, which might be the same set).

### Specialization Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <b>Type</b> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <code>specific Type</code> of this <b>Specialization</b> and owns it as its <code>owningRelatedElement</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <b>Type</b> with a subset of all instances of the <b>general Type</b> , which might be the same set.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-20].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LibraryPackage>
- **Summary:** LibraryPackageShape
- **Description:** A **LibraryPackage** is a **Package** that is the container for a model library. A **LibraryPackage** is itself a library **Element** as are all **Elements** that are directly or indirectly contained in it.

#### LibraryPackage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:libraryPackage_IsStandard</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>LibraryPackage</code> contains a standard library model. This should only be set to true for <code>LibraryPackages</code> in the standard Kernel Model Libraries or in normative model libraries for a language built on KerML.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:package_FilterCondition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The model-level evaluable <b>Boolean</b> -valued <b>Expression</b> used to filter the <b>members</b> of this <b>Package</b> , which are owned by the <b>Package</b> are via <b>ElementFilterMemberships</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-21].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ViewpointUsage>
- **Summary:** ViewpointUsageShape
- **Description:** A **ViewpointUsage** is a **Usage** of a **ViewpointDefinition**.

#### ViewpointUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <b>Predicate</b> that is the type of this <b>ConstraintUsage</b> . Nominally, this will be a <b>ConstraintDefinition</b> , but other kinds of <b>Predicates</b> are also allowed, to permit use of <b>Predicates</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The <code>types</code> of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:requirementUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementUsage_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementUsage</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementUsage_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementUsage</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementUsage</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementUsage</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = requirement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementUsage_RequirementDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementDefinition</code>	The <b>RequirementDefinition</b> that is the single <b>definition</b> of this <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent stakeholders for the requirement.
<code>oslc_sysmlv2:requirementUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementUsage</b> that represents its subject.
<code>oslc_sysmlv2:requirementUsage_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <b>RequirementUsage</b> , derived from the <b>bodies of the documentation of the RequirementUsage..</b>
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <b>features</b> of this <b>Type</b> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <b>Type</b> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <b>Types</b> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <b>Type</b> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <code>ownedConjugator</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:viewpointUsage_ViewpointDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ViewpointDefinition</code>	The <code>ViewpointDefinition</code> that is the <code>definition</code> of this <code>ViewpointUsage</code> .
<code>oslc_sysmlv2:viewpointUsage_ViewpointStakeholder</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that identify the stakeholders with concerns framed by this <code>ViewpointUsage</code> , which are the owned and inherited <code>stakeholderParameters</code> of the <code>framedConcerns</code> of this <code>ViewpointUsage</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-22].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConnectionDefinition>
- **Summary:** ConnectionDefinitionShape
- **Description:** A `ConnectionDefinition` is a `PartDefinition` that is also an `AssociationStructure`. The end `Features` of a `ConnectionDefinition` must be `Usages`.

#### ConnectionDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:connectionDefinition_ConnectionEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that define the things related by the <b>ConnectionDefinition</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout..</code>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-23].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Relationship>
- **Summary:** RelationshipShape
- **Description:** A **Relationship** is an **Element** that relates other **Element**. Some of its **relatedElements** may be owned, in which case those **ownedRelatedElements** will be deleted from a model if their **owningRelationship** is. A **Relationship** may also be owned by another **Element**, in which case the **ownedRelatedElements** of the **Relationship** are also considered to be transitively owned by the **owningRelatedElement** of the **Relationship**.

**Relationship Properties**

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-24].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Intersecting>
- **Summary:** IntersectingShape
- **Description:** `Intersecting` is a `Relationship` that makes its `intersectingType` one of the `intersectingTypes` of its `typeIntersected`.

#### Intersecting Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:intersecting_IntersectingType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	Type that partly determines interpretations of <code>typeIntersected</code> , as described in <code>Type::intersectingType</code> .
<code>oslc_sysmlv2:intersecting_TypeIntersected</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	Type with interpretations partly determined by <code>intersectingType</code> , as described in <code>Type::intersectingType</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-25].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ParameterMembership>

## Standards Track Work Product

- **Summary:** ParameterMembershipShape
- **Description:** A **ParameterMembership** is a **FeatureMembership** that identifies its **memberFeature** as a parameter, which is always owned, and must have a **direction**. A **ParameterMembership** must be owned by a **Behavior** or a **Step**.

### ParameterMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an ownedRelatedElement, if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that this <code>FeatureMembership</code> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that owns this <code>FeatureMembership</code> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that features the <code>featureOfType..</code>
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership..</code>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:parameterMembership_OwnedMemberParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is identified as a <code>parameter</code> by this <code>ParameterMembership</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-26].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Class>
- **Summary:** ClassShape
- **Description:** A **Class** is a **Classifier** of things (in the universe) that can be distinguished without regard to how they are related to other things (via **Features**). This means multiple things classified by the same **Class** can be distinguished, even when they are related other things in exactly the same way.

Class Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-27].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Subclassification>
- **Summary:** SubclassificationShape
- **Description:** Subclassification is **Specialization** in which both the **specific** and **general Types** are **Classifier**. This means all instances of the specific **Classifier** are also instances of the general **Classifier**.

#### Subclassification Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>specific Type</code> of this <code>Specialization</code> and owns it as its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a subset of all instances of the <code>general Type</code> , which might be the same set.
<code>oslc_sysmlv2:subclassification_OwningClassifier</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifier</code> that owns this <code>Subclassification</code> relationship, which must also be its <code>subclassifier</code> .
<code>oslc_sysmlv2:subclassification_Subclassifier</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The more specific <code>Classifier</code> in this <code>Subclassification</code> .
<code>oslc_sysmlv2:subclassification_Superclassifier</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The more <code>general</code> <code>Classifier</code> in this <code>Subclassification</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-28].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Element>
- **Summary:** ElementShape
- **Description:** An **Element** is a constituent of a model that is uniquely identified relative to all other **Elements**. It can have **Relationships** with other **Elements**. Some of these **Relationships** might imply ownership of other **Elements**, which means that if an **Element** is deleted from a model, then so are all the **Elements** that it owns.

### Element Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-29].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#TransitionFeatureMembership>
- **Summary:** TransitionFeatureMembershipShape
- **Description:** A **TransitionFeatureMembership** is a **FeatureMembership** for a trigger, guard or effect of a **TransitionUsage**, whose `transitionFeature` is a **AcceptActionUsage**, **Boolean**-valued **Expression** or

*ActionUsage*, depending on its *kind*..

### TransitionFeatureMembership Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<i>dcterms:contributor</i>	Zero-or-many	false	AnyResource	Either	<i>oslc:Any</i>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<i>dcterms:created</i>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<i>dcterms:creator</i>	Zero-or-many	false	AnyResource	Either	<i>oslc:Any</i>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<i>dcterms:description</i>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<i>dcterms:identifier</i>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<i>dcterms:modified</i>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<i>dcterms:source</i>	Zero-or-one	false	Resource	Reference	<i>oslc:Any</i>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<i>dcterms:title</i>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<i>dcterms:type</i>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<i>jazz_am:derives</i>	Zero-or-many	false	Resource	Reference	<i>oslc:Any</i>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that this <code>FeatureMembership</code> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that owns this <code>FeatureMembership</code> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:transitionFeatureMembership_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:TransitionFeatureKind</code>	Whether this <b>TransitionFeatureMembership</b> is for a <b>trigger</b> , <b>guard</b> or <b>effect</b> .
<code>oslc_sysmlv2:transitionFeatureMembership_TransitionFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Step</b> that is the <b>ownedMemberFeature</b> of this <b>TransitionFeatureMembership</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-30].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureValue>
- **Summary:** FeatureValueShape
- **Description:** A **FeatureValue** is a **Membership** that identifies a particular member **Expression** that provides the value of the **Feature** that owns the **FeatureValue**. The value is specified as either a bound value or an initial value, and as either a concrete or default value. A **Feature** can have at most one **FeatureValue**.

FeatureValue Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an ownedRelatedElement, if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:featureValue_FeatureWithValue</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> to be provided a value.
<code>oslc_sysmlv2:featureValue_IsDefault</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>FeatureValue</code> is a concrete specification of the bound or initial value of the <code>featureWithValue</code> , or just a default value that may be overridden.
<code>oslc_sysmlv2:featureValue_IsInitial</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>FeatureValue</code> specifies a bound value or an initial value for the <code>featureWithValue</code> .
<code>oslc_sysmlv2:featureValue_Value</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expression</code> that provides the value of the <code>featureWithValue</code> as its <code>result</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-31].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Comment>
- **Summary:** CommentShape
- **Description:** A `Comment` is an `AnnotatingElement` whose `body` in some way describes its `annotatedElements`.

Comment Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:comment_Body</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The annotation text for the <b>Comment</b> .
<code>oslc_sysmlv2:comment_Locale</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	Identification of the language of the <b>body</b> text and, optionally, the region and/or encoding. The format shall be a POSIX locale conformant to ISO/IEC 15897, with the format <code>[language[_territory][.codeset][@modifier]]</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-32].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureChainExpression>
- **Summary:** FeatureChainExpressionShape
- **Description:** A `FeatureChainExpression` is an `OperatorExpression` whose operator is `"."`, which resolves to the `Function ControlFunctions::'.'` from the Kernel Functions Library. It evaluates to the result of chaining the `result Feature` of its single `argument Expression` with its `targetFeature`.

FeatureChainExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:featureChainExpression_TargetFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is accessed by this <code>FeatureChainExpression</code> , which is its <code>first non-parameter member</code> .
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>value Expressions</code> of the <code>FeatureValues</code> of the owned input <code>parameters</code> of the <code>InvocationExpression</code> .
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:operatorExpression_Operator</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	An <code>operator</code> symbol that names a corresponding <code>Function</code> from one of the standard packages from the Kernel Function Library .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-33].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#UseCaseUsage>
- **Summary:** UseCaseUsageShape
- **Description:** A **UseCaseUsage** is a **Usage** of a **UseCaseDefinition**.

UseCaseUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The Function that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:caseUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseUsage</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseUsage_CaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:CaseDefinition</code>	The <b>CaseDefinition</b> that is the type of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseUsage</b> that represents its subject.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this <code>Expression</code> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Expression</code> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout..</code>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>&gt;AttributeUsages</code> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:useCaseUsage_IncludedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are included by this <b>UseCaseUse</b> , which are the <b>useCaseIncluded</b> s of the <b>IncludeUseCaseUsages</b> owned by this <b>UseCaseUsage</b> .
<code>oslc_sysmlv2:useCaseUsage_UseCaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:UseCaseDefinition</code>	The <b>UseCaseDefinition</b> that is the <b>definition</b> of this <b>UseCaseUsage</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-34].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#DataType>
- **Summary:** `DataShape`
- **Description:** A **DataType** is a **Classifier** of things (in the universe) that can only be distinguished by how they are related to other things (via **Features**). This means multiple things classified by the same **DataType**.

## DataType Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <code>Imports</code> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <code>Memberships</code> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-35].

Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Expression>
- **Summary:** ExpressionShape
- **Description:** An **Expression** is a **Step** that is typed by a **Function**. An **Expression** that also has a **Function** as its **featuringType** is a computational step within that **Function**. An **Expression** always has a single **result** parameter, which redefines the **result** parameter of its defining **function**. This allows **Expressions** to be interconnected in tree structures, in which inputs to each **Expression** in the tree are determined as the results of other **Expression** in the tree.

### Expression Properties

Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-36].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PartDefinition>
- **Summary:** PartDefinitionShape
- **Description:** A **PartDefinition** is an **ItemDefinition** of a **Class** of systems or parts of systems. Note that all parts may be considered items for certain purposes, but not all items are parts that can perform actions within a system.

#### PartDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this OccurrenceDefinition is constrained to represent single individual.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-37].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SendActionUsage>
- **Summary:** SendActionUsageShape
- **Description:** A `SendActionUsage` is an `ActionUsage` that specifies the sending of a payload given by the result of its `payloadArgument Expression` via a `MessageTransfer` whose `source` is given by the result of the `senderArgument Expression` and whose `target` is given by the result of the `receiverArgument Expression`. If no `senderArgument` is provided, the default is the `this` context for the action. If no `receiverArgument` is given, then the receiver is to be determined by, e.g., outgoing `Connections` from the sender.

#### SendActionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:sendActionUsage_PayloadArgument</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> whose result is bound to the <b>payload</b> input parameter of this <b>SendActionUsage</b> .
<code>oslc_sysmlv2:sendActionUsage_ReceiverArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> whose result is bound to the <b>receiver</b> input parameter of this <b>SendActionUsage</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:sendActionUsage_SenderArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> whose result is bound to the <i>sender</i> input parameter of this <b>SendActionUsage</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-38].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralExpression>
- **Summary:** LiteralExpressionShape
- **Description:** A `LiteralExpression` is an `Expression` that provides a basic `DataValue` as a result.

**LiteralExpression Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-39].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#StakeholderMembership>
- **Summary:** StakeholderMembershipShape
- **Description:** A `StakeholderMembership` is a `ParameterMembership` that identifies a `PartUsage` as a `stakeholderParameter` of a `RequirementDefinition` or `RequirementUsage`, which specifies a role played by an entity with concerns framed by the `owningType`.

#### StakeholderMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that this <code>FeatureMembership</code> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that owns this <code>FeatureMembership</code> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that features the <code>featureOfType</code> ..
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:parameterMembership_OwnedMemberParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is identified as a <code>parameter</code> by this <code>ParameterMembership</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:stakeholderMembership_OwnedStakeholderParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsage</code> specifying the stakeholder.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-40].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ReferenceUsage>
- **Summary:** ReferenceUsageShape
- **Description:** A **ReferenceUsage** is a **Usage** that specifies a non-compositional (`isComposite = false`) reference to something. The **definition** of a **ReferenceUsage** can be any kind of **Classifier**, with the default being the top-level **Classifier Base::Anything** from the Kernel Semantic Library. This allows the specification of a generic reference without distinguishing if the thing referenced is an attribute value, item, action, etc.

#### ReferenceUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-41].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AllocationDefinition>
- **Summary:** AllocationDefinitionShape
- **Description:** An **AllocationDefinition** is a **ConnectionDefinition** that specifies that some or all of the responsibility to realize the intent of the **source** is allocated to the **target** instances. Such allocations define mappings across the various structures and hierarchies of a system model, perhaps as a precursor to more rigorous specifications and implementations. An **AllocationDefinition** can itself be refined using nested **allocations** that give a finer-grained decomposition of the containing allocation mapping.

#### AllocationDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:allocationDefinition_Allocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that refine the allocation mapping defined by this <b>AllocationDefinition</b> .
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:connectionDefinition_ConnectionEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that define the things related by the <b>ConnectionDefinition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The Memberships in this Namespace that result from the <code>ownedImports</code> of this Namespace.
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member Elements of this Namespace, which are the <code>memberElements</code> of all <code>memberships</code> of the Namespace.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Relationship</b> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this <b>Relationship</b> that are owned by the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this <b>Relationship</b> that owns the <b>Relationship</b> , if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this <b>Relationship</b> , derived as the union of the <b>source</b> and <b>target</b> <b>Elements</b> of the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this <b>Relationship</b> is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this <b>Relationship</b> is considered to be directed.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-42].

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ReferenceSubsetting>
- **Summary:** ReferenceSubsettingShape
- **Description:** ReferenceSubsetting is a kind of Subsetting in which the `referencedFeature` is syntactically distinguished from other `Features` subsetting by the `referencingFeature`. ReferenceSubsetting has the same semantics as Subsetting, but the `referenceFeature` may have a special purpose relative to the `referencingFeature`. For instance, ReferenceSubsetting is used to identify the `relatedFeatures` of a Connector.

### ReferenceSubsetting Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:referenceSubsetting_ReferencedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is referenced by the <code>referencingFeature</code> of this <code>ReferenceSubsetting</code> .
<code>oslc_sysmlv2:referenceSubsetting_ReferencingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that owns this <code>ReferenceSubsetting</code> relationship, which is also its <code>subsettingFeature</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Relationship</code> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this <code>Relationship</code> that are owned by the <code>Relationship</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>specific Type</code> of this <code>Specialization</code> and owns it as its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a subset of all instances of the <code>general Type</code> , which might be the same set.
<code>oslc_sysmlv2:subsetting_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>subsettingFeature</code> that is also the <code>owningRelatedElement</code> of this <code>Subsetting</code> .
<code>oslc_sysmlv2:subsetting_SubsettedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is subsetted by the <code>subsettingFeature</code> of this <code>Subsetting</code> .
<code>oslc_sysmlv2:subsetting_SubsettingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is a subset of the <code>subsettedFeature</code> of this <code>Subsetting</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-43].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Invariant>
- **Summary:** InvariantShape
- **Description:** An **Invariant** is a **BooleanExpression** that is asserted to have a specific **Boolean** result value. If `isNegated = false`, then the result is asserted to be true. If `isNegated = true`, then the result is asserted to be false.

#### Invariant Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the ownedRelationships of this Element. This property may be true, even if there are not actually any ownedRelationships with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then ownedRelationships may not contain any implied Relationships. That is, either all required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its owningNamespace. This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The ownedRelationships of this Element that are Annotations, for which this Element is the annotatedElement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this <code>Expression</code> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Expression</code> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:invariant_IsNegated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Invariant</b> is asserted to be false rather than true.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-44].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Type>
- **Summary:** TypeShape
- **Description:** A `Type` is a `Namespace` that is the most general kind of `Element` supporting the semantics of classification. A `Type` may be a `Classifier` or a `Feature`, defining conditions on what is classified by the `Type` (see also the description of `isSufficient`).

### Type Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <b>features</b> of this <b>Type</b> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <b>Type</b> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <b>Types</b> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <b>Type</b> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-45].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AnalysisCaseUsage>
- **Summary:** AnalysisCaseUsageShape
- **Description:** An **AnalysisCaseUsage** is a **Usage** of an **AnalysisCaseDefinition**.

#### AnalysisCaseUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:analysisCaseUsage_AnalysisAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The composite <b>usages</b> of the <b>AnalysisCaseUsage</b> that are defined as <b>AnalysisActions</b> .
<code>oslc_sysmlv2:analysisCaseUsage_AnalysisCaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseDefinition</code>	The <b>AnalysisCaseDefinition</b> that is the <b>definition</b> of this <b>AnalysisCaseUsage</b> .
<code>oslc_sysmlv2:analysisCaseUsage_ResultExpression</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> used to compute the <b>result</b> of the <b>AnalysisCaseUsage</b> , owned via a <b>ResultExpressionMembership</b> .
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:caseUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseUsage</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseUsage_CaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:CaseDefinition</code>	The <b>CaseDefinition</b> that is the type of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseUsage</b> that represents its subject.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout</b> .
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The code>AttributeUsages that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <b>isVariation = true</b> . If <b>isVariation = false</b> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <b>isVariation = true</b> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <b>isVariation = false</b> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-46].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FramedConcernMembership>
- **Summary:** FramedConcernMembershipShape
- **Description:** A **FramedConcernMembership** is a **RequirementConstraintMembership** for a framed **ConcernUsage** of a **RequirementDefinition** or **RequirementUsage**.



## FramedConcernMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <code>owningType</code> , making it an <b>ownedFeature</b> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:framedConcernMembership_OwnedConcern</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsage</b> that is the <b>ownedConstraint</b> of this <b>FramedConcernMembership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:framedConcernMembership_ReferencedConcern</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsage</b> that is referenced through this <b>FramedConcernMembership</b> . It is the <b>referencedConstraint</b> of the <b>FramedConcernMembership</b> considered as a <b>RequirementConstraintMembership</b> , which must be a <b>ConcernUsage</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:requirementConstraintMembership_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:RequirementConstraintKind</code>	Whether the <code>RequirementConstraintMembership</code> is for an assumed or required <code>ConstraintUsage</code> .
<code>oslc_sysmlv2:requirementConstraintMembership_OwnedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsage</code> that is the <code>ownedMemberFeature</code> of this <code>RequirementConstraintMembership</code> .
<code>oslc_sysmlv2:requirementConstraintMembership_ReferencedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsage</code> that is referenced through this <code>RequirementConstraintMembership</code> . It is the <code>referencedFeature</code> of the <code>ownedReferenceSubsetting</code> of the <code>ownedConstraint</code> , if there is one, and, otherwise, the <code>ownedConstraint</code> itself.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-47].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AssignmentActionUsage>
- **Summary:** AssignmentActionUsageShape
- **Description:** An `AssignmentActionUsage` is an `ActionUsage` that is defined, directly or indirectly, by the `ActionDefinition AssignmentAction` from the Systems Model Library. It specifies that the value of the `referent Feature`, relative to the target given by the result of the `targetArgument Expression`, should be set to the result of the `valueExpression`.

AssignmentActionUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:assignmentActionUsage_Referent</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> whose value is to be set.
<code>oslc_sysmlv2:assignmentActionUsage_TargetArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose value is an occurrence in the domain of the <b>referent Feature</b> , for which the value of the <b>referent</b> will be set to the result of the <b>valueExpression</b> by this <b>AssignmentActionUsage</b> .
<code>oslc_sysmlv2:assignmentActionUsage_ValueExpression</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result is to be assigned to the <b>referent Feature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that are chained together to determine the values of this <code>Feature</code> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <code>Feature</code> , in the same order. The values of a <code>Feature</code> with <code>chainingFeatures</code> are the same as values of the last <code>Feature</code> in the chain, which can be found by starting with the values of the first <code>Feature</code> (for each instance of the domain of the original <code>Feature</code> ), then using each of those as domain instances to find the values of the second <code>Feature</code> in <code>chainingFeatures</code> , and so on, to values of the last <code>Feature</code> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <code>Feature</code> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).

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<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-48].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Package>
- **Summary:** PackageShape
- **Description:** A `Package` is a `Namespace` used to group `Elements`, without any instance-level semantics. It may have one or more model-level evaluable `filterCondition Expressions` used to filter its `importedMemberships`. Any imported `member` must meet all of the `filterConditions`.

#### Package Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:package_FilterCondition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The model-level evaluable <b>Boolean</b> -valued <b>Expression</b> used to filter the <b>members</b> of this <b>Package</b> , which are owned by the <b>Package</b> are via <b>ElementFilterMemberships</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-49].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ItemFeature>
- **Summary:** ItemFeatureShape
- **Description:** An **ItemFeature** is the **ownedFeature** of an **ItemFlow** that identifies the things carried by the kinds of transfers that are instances of the **ItemFlow**.

**ItemFeature Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = true.
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-50].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConstraintUsage>
- **Summary:** ConstraintUsageShape
- **Description:** A `ConstraintUsage` is an `OccurrenceUsage` that is also a `BooleanExpression`, and, so, is typed by a `Predicate`. Nominally, if the type is a `ConstraintDefinition`, a `ConstraintUsage` is a `Usage` of that `ConstraintDefinition`. However, other kinds of kernel `Predicates` are also allowed, to permit use of `Predicates` from the Kernel Model Libraries.

### ConstraintUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <b>Predicate</b> that is the type of this <b>ConstraintUsage</b> . Nominally, this will be a <b>ConstraintDefinition</b> , but other kinds of <b>Predicates</b> are also allowed, to permit use of <b>Predicates</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-51].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SubjectMembership>
- **Summary:** SubjectMembershipShape
- **Description:** A `SubjectMembership` is a `ParameterMembership` that indicates that its `ownedSubjectParameter` is the subject of its `owningType`. The `owningType` of a `SubjectMembership` must be a `RequirementDefinition`, `RequirementUsage`, `CaseDefinition`, or `CaseUsage`.

SubjectMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a <b>member</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:parameterMembership_OwnedMemberParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is identified as a <code>parameter</code> by this <code>ParameterMembership</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:subjectMembership_OwnedSubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> owned Member Parameter of this <code>SubjectMembership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-52].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureInverting>
- **Summary:** FeatureInvertingShape
- **Description:** A **FeatureInverting** is a **Relationship** between **Features** asserting that their interpretations (sequences) are the reverse of each other, identified as **featureInverted** and **invertingFeature**. For example, a **Feature** identifying each person's parents is the inverse of a **Feature** identifying each person's children. A person identified as a parent of another will identify that other as one of their children.

FeatureInverting Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:featureInverting_FeatureInverted</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is an inverse of the <code>invertingFeature</code> .
<code>oslc_sysmlv2:featureInverting_InvertingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is an inverse of the <code>invertedFeature</code> .
<code>oslc_sysmlv2:featureInverting_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>featureInverted</code> that is also the <code>owningRelatedElement</code> of this <code>FeatureInverting</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-53].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ElementFilterMembership>
- **Summary:** ElementFilterMembershipShape
- **Description:** ElementFilterMembership is a Membership between a Namespace and a model-level evaluable Boolean-valued Expression, asserting that imported members of the Namespace should be filtered using the condition Expression. A general Namespace does not define any specific filtering behavior, but such behavior may be defined for various specialized kinds of Namespaces.

#### ElementFilterMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:elementFilterMembership_Condition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The model-level evaluable <code>Boolean</code> -valued <code>Expression</code> used to filter the imported <code>members</code> of the <code>membershipOwningNamespace</code> of this <code>ElementFilterMembership</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Element that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Relationship</code> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this <code>Relationship</code> that are owned by the <code>Relationship</code> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this <code>Relationship</code> that owns the <code>Relationship</code> , if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> that are related by this <code>Relationship</code> , derived as the union of the <code>source</code> and <code>target</code> <code>Elements</code> of the <code>Relationship</code> .
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this <code>Relationship</code> is considered to be directed.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-54].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#IncludeUseCaseUsage>
- **Summary:** IncludeUseCaseUsageShape
- **Description:** An **IncludeUseCaseUsage** is a **UseCaseUsage** that represents the inclusion of a **UseCaseUsage** by a **UseCaseDefinition** or **UseCaseUsage**. Unless it is the **IncludeUseCaseUsage** itself, the **UseCaseUsage** to be included is related to the **includedUseCase** by a **ReferenceSubsetting Relationship**. An **IncludeUseCaseUsage** is also a **PerformActionUsage**, with its **useCaseIncluded** as the **performedAction**.

**IncludeUseCaseUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The Function that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:caseUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseUsage</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseUsage_CaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:CaseDefinition</code>	The <b>CaseDefinition</b> that is the type of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseUsage</b> that represents its subject.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:eventOccurrenceUsage_EventOccurrence</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsage</code> referenced as an event by this <code>EventOccurrenceUsage</code> . It is the <code>referenceFeature</code> of the <code>ownedReferenceSubsetting</code> for the <code>EventOccurrenceUsage</code> , if there is one, and, otherwise, the <code>EventOccurrenceUsage</code> itself.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:includeUseCaseUsage_UseCaseIncluded</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsage</b> to be included by this <b>IncludeUseCaseUsage</b> . It is the <b>performedAction</b> of the <b>IncludeUseCaseUsage</b> considered as a <b>PerformActionUsage</b> , which must be a <b>UseCaseUsage</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .



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<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:performActionUsage_PerformedAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> to be performed by this <b>PerformedActionUsage</b> . It is the <b>eventOccurrence</b> of the <b>PerformActionUsage</b> considered as an <b>EventOccurrenceUsage</b> , which must be an <b>ActionUsage</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <b>Definition</b> that owns this <b>Usage</b> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:useCaseUsage_IncludedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are included by this <b>UseCaseUse</b> , which are the <b>useCaseIncluded</b> s of the <b>IncludeUseCaseUsages</b> owned by this <b>UseCaseUsage</b> ..
<code>oslc_sysmlv2:useCaseUsage_UseCaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:UseCaseDefinition</code>	The <b>UseCaseDefinition</b> that is the <b>definition</b> of this <b>UseCaseUsage</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-55].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ItemUsage>
- **Summary:** ItemUsageShape
- **Description:** An `ItemUsage` is a `ItemUsage` whose `definition` is a `Structure`. Nominally, if the `definition` is an `ItemDefinition`, an `ItemUsage` is a `ItemUsage` of that `ItemDefinition` within a system. However, other kinds of Kernel `Structures` are also allowed, to permit use of `Structures` from the Kernel Model Libraries.

### ItemUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this <b>ItemUsage</b> . Nominally, these are <b>ItemDefinitions</b> , but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same way as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-56].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#TextualRepresentation>
- **Summary:** TextualRepresentationShape
- **Description:** A `TextualRepresentation` is an `AnnotatingElement` whose `body` represents the `representedElement` in a given `language`. The `representedElement` must be the `owner` of the `TextualRepresentation`. The named `language` can be a natural language, in which case the `body` is an informal representation, or an artificial language, in which case the `body` is expected to be a formal, machine-parsable representation.

### TextualRepresentation Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an ownedRelatedElement, if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:textualRepresentation_Body</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The textual representation of the <code>representedElement</code> in the given <code>language</code> .
<code>oslc_sysmlv2:textualRepresentation_Language</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The natural or artificial language in which the <code>body</code> text is written.
<code>oslc_sysmlv2:textualRepresentation_RepresentedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Element that is represented by this <code>TextualRepresentation</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-57].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#JoinNode>
- **Summary:** JoinNodeShape
- **Description:** A `JoinNode` is a `ControlNode` that waits for the completion of all the predecessor `Actions` given by incoming `Successions`.

JoinNode Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typedifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typedisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-58].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#CalculationDefinition>
- **Summary:** CalculationDefinitionShape
- **Description:** A `CalculationDefinition` is an `ActionDefinition` that also defines a `Function` producing a `result..`

CalculationDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:calculationDefinition_Calculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>actions</b> of this <b>CalculationDefinition</b> that are <b>CalculationUsages</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-59].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConjugatedPortTyping>
- **Summary:** ConjugatedPortTypingShape
- **Description:** A **ConjugatedPortTyping** is a **FeatureTyping** whose **type** is a **ConjugatedPortDefinition**. (This relationship is intended to be an abstract-syntax marker for a special surface notation for conjugated typing of ports.)

#### ConjugatedPortTyping Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:conjugatedPortTyping_ConjugatedPortDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConjugatedPortDefinition</code>	The <code>type</code> of this <code>ConjugatedPortTyping</code> considered as a <code>FeatureTyping</code> , which must be a <code>ConjugatedPortDefinition</code> .
<code>oslc_sysmlv2:conjugatedPortTyping_PortDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PortDefinition</code>	The <code>originalPortDefinition</code> of the <code>conjugatedPortDefinition</code> of this <code>ConjugatedPortTyping</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this Element is the <code>owningRelatedElement</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:featureTyping_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>typedFeature</code> that is also the <code>owningRelatedElement</code> of this <code>FeatureTyping</code> .
<code>oslc_sysmlv2:featureTyping_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The Type that is being applied by this <code>FeatureTyping</code> .
<code>oslc_sysmlv2:featureTyping_TypedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature that has a type determined by this <code>FeatureTyping</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>specific Type</code> of this <code>Specialization</code> and owns it as its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a subset of all instances of the <code>general Type</code> , which might be the same set.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-60].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MergeNode>
- **Summary:** MergeNodeShape
- **Description:** A `MergeNode` is a `ControlNode` that asserts the merging of its incoming `Successions`. A `MergeNode` may have at most one outgoing `Successions`.

#### MergeNode Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>owned members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does not include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-61].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConnectionUsage>
- **Summary:** ConnectionUsageShape
- **Description:** A `ConnectionUsage` is a `ConnectorAsUsage` that is also a `PartUsage`. Nominally, if its type is a `ConnectionDefinition`, then a `ConnectionUsage` is a Usage of that `ConnectionDefinition`, representing a connection between parts of a system. However, other kinds of kernel `AssociationStructures` are also allowed, to permit use of `AssociationStructures` from the Kernel Model Libraries.

ConnectionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connectionUsage_ConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AssociationStructure</code>	The <b>AssociationStructures</b> that are the types of this <b>ConnectionUsage</b> . Nominally, these are , but other kinds of Kernel <b>AssociationStructures</b> are also allowed, to permit use of <b>AssociationStructures</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <code>itemDefinitions</code> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-62].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#NamespaceImport>
- **Summary:** NamespaceImportShape
- **Description:** A **NamespaceImport** is an Import that imports **Memberships** from its **importedNamespace** into the **importOwningNamespace**. If `isRecursive = false`, then only the visible **Memberships** of the

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`importedNamespace` are imported. If `isRecursive = true`, then, in addition, `Memberships` are recursively imported from any `ownedMembers` of the `importedNamespace` that are `Namespaces`.

### NamespaceImport Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported <b>Element</b> for this Import. For a <b>MembershipImport</b> , this is the <code>memberElement</code> of the <code>importedMembership</code> . For a <b>NamespaceImport</b> , it is the <code>importedNamespace</code> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> into which Memberships are imported by this Import, which must be the <code>owningRelatedElement</code> of the Import.
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import memberships without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import Memberships from visible, owned sub-Namespaces.
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this Import relative to the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespaceImport_ImportedNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> whose visible <b>Memberships</b> are imported by this <b>NamespaceImport</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-63].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureReferenceExpression>
- **Summary:** FeatureReferenceExpressionShape
- **Description:** A `FeatureReferenceExpression` is an `Expression` whose `result` is bound to a `referent Feature`.

FeatureReferenceExpression Properties



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:featureReferenceExpression_Referent</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is referenced by this <code>FeatureReferenceExpression</code> , which is its first non-parameter member.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-64].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AcceptActionUsage>
- **Summary:** AcceptActionUsageShape
- **Description:** An **AcceptActionUsage** is an **ActionUsage** that specifies the acceptance of an **incomingTransfer** from the **Occurrence** given by the result of its **receiverArgument** Expression. (If no **receiverArgument** is provided, the default is the **this** context of the **AcceptActionUsage**.) The payload of the accepted **Transfer** is output on its **payloadParameter**. Which **Transfers** may be accepted is determined by conformance to the typing and (potentially) binding of the **payloadParameter**.

#### AcceptActionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:acceptActionUsage_PayloadArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> whose <b>result</b> is bound to the <b>payload parameter</b> of this <b>AcceptActionUsage</b> . If provided, the <b>AcceptActionUsage</b> will only accept a <b>Transfer</b> with exactly this <b>payload</b> .
<code>oslc_sysmlv2:acceptActionUsage_PayloadParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>nestedReference</b> of this <b>AcceptActionUsage</b> that redefines the <b>payload output parameter</b> of the base <b>AcceptActionUsage</b> <b>AcceptAction</b> from the Systems Model Library.
<code>oslc_sysmlv2:acceptActionUsage_ReceiverArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <b>Expression</b> whose <b>result</b> is bound to the <b>receiver input parameter</b> of this <b>AcceptActionUsage</b> .
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-65].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#BindingConnector>
- **Summary:** BindingConnectorShape
- **Description:** A `BindingConnector` is a binary `Connector` that requires its `relatedFeatures` to identify the same things (have the same values).

**BindingConnector Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.



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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this <b>Element</b> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <b>Element</b> . This is intended to be set by tooling, and it must not change during the lifetime of the <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-66].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#TriggerInvocationExpression>
- **Summary:** TriggerInvocationExpressionShape
- **Description:** A **TriggerInvocationExpression** is an **InvocationExpression** that invokes one of the trigger **Functions** from the Kernel Semantic Library **Triggers** package, as indicated by its **kind**.

#### TriggerInvocationExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>value Expressions</b> of the <b>FeatureValues</b> of the owned input parameters of the <b>InvocationExpression</b> .
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:triggerInvocationExpression_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:TriggerKind</code>	Indicates which of the <b>Functions</b> from the <b>Triggers</b> model in the Kernel Semantic Library is to be invoked by this <b>TriggerInvocationExpression</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-67].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ViewUsage>
- **Summary:** ViewUsageShape
- **Description:** A **ViewUsage** is a usage of a **ViewDefinition** to specify the generation of a view of the **members** of a collection of **exposedNamespaces**. The **ViewUsage** can satisfy more **viewpoints** than its definition, and it can specialize the **viewRendering** specified by its definition.

#### ViewUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <code>itemDefinitions</code> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:viewUsage_ExposedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> that are exposed by this <code>ViewUsage</code> , which are those <code>memberElements</code> of the imported <code>Memberships</code> from all the <code>Expose Relationships</code> that meet all the owned and inherited <code>viewConditions</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:viewUsage_SatisfiedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>nestedRequirements</b> of this <b>ViewUsage</b> that are <b>ViewpointUsages</b> for (additional) viewpoints satisfied by the <b>ViewUsage</b> .
<code>oslc_sysmlv2:viewUsage_ViewCondition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> related to this <b>ViewUsage</b> by <b>ElementFilterMemberships</b> , which specify conditions on <b>Elements</b> to be rendered in a view.
<code>oslc_sysmlv2:viewUsage_ViewDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ViewDefinition</code>	The <b>ViewDefinition</b> that is the <b>definition</b> of this <b>ViewUsage</b> .
<code>oslc_sysmlv2:viewUsage_ViewRendering</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsage</b> to be used to render views defined by this <b>ViewUsage</b> , which is the <b>referencedRendering</b> of the <b>ViewRenderingMembership</b> of the <b>ViewUsage</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-68].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AttributeDefinition>
- **Summary:** AttributeDefinitionShape
- **Description:** An **AttributeDefinition** is a **Definition** and a **DataType** of information about a quality or characteristic of a system or part of a system that has no independent identity other than its value. All **features** of an **AttributeDefinition** must be referential (non-composite).

## AttributeDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-69].

Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Metaclass>
- **Summary:** MetaclassShape
- **Description:** A **Metaclass** is a **Structure** used to type **MetadataFeatures**.

### Metaclass Properties

Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes	Prefixes
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
dcterms:type	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
jazz_am:derives	Zero-or-many	false	Resource	Reference	oslc:Any	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
jazz_am:elaborates	Zero-or-many	false	Resource	Reference	oslc:Any	This resource elaborates the referenced resource.
jazz_am:external	Zero-or-many	false	Resource	Reference	oslc:Any	A generic link from a resource to an external web page.
jazz_am:refine	Zero-or-many	false	Resource	Reference	oslc:Any	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
jazz_am:satisfy	Zero-or-many	false	Resource	Reference	oslc:Any	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
jazz_am:trace	Zero-or-many	false	Resource	Reference	oslc:Any	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
oslc_sysmlv2:classifier_OwnedSubclassification	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Subclassification	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
oslc_sysmlv2:element_AliasIds	Zero-or-many	false	unspecified	Either	xsd:string	Various alternative identifiers for this Element. Generally, these will be set by tools.
oslc_sysmlv2:element_DeclaredName	Zero-or-one	false	unspecified	Either	xsd:string	The declared name of this <b>Element</b> .
oslc_sysmlv2:element_DeclaredShortName	Zero-or-one	false	unspecified	Either	xsd:string	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-70].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#UseCaseDefinition>
- **Summary:** UseCaseDefinitionShape
- **Description:** A `UseCaseDefinition` is a `CaseDefinition` that specifies a set of actions performed by its subject, in interaction with one or more actors external to the subject. The objective is to yield an observable result that is of value to one or more of the actors.

#### UseCaseDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:calculationDefinition_Calculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>actions</b> of this <b>CalculationDefinition</b> that are <b>CalculationUsages</b> .
<code>oslc_sysmlv2:caseDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseDefinition</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseDefinition_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseDefinition</b> .
<code>oslc_sysmlv2:caseDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseDefinition</b> that represents its subject.
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout</b> .
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:useCaseDefinition_IncludedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are included by this <b>UseCaseDefinition</b> , which are the <b>useCaseIncluded</b> s of the <b>IncludeUseCaseUsages</b> owned by this <b>UseCaseDefinition</b> ..
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-71].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Step>
- **Summary:** StepShape
- **Description:** A **Step** is a **Feature** that is typed by one or more **Behaviors**. **Steps** may be used by one **Behavior** to coordinate the performance of other **Behaviors**, supporting a steady refinement of behavioral descriptions. **Steps** can be ordered in time and can be connected using **ItemFlows** to specify things flowing between their **parameters**.

Step Properties

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-72].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AssociationStructure>
- **Summary:** AssociationStructureShape
- **Description:** An **AssociationStructure** is an **Association** that is also a **Structure**, classifying link objects that are both links and objects. As objects, link objects can be created and destroyed, and their non-end **Features** can change over time. However, the values of the end **Features** of a link object are fixed and cannot change over its lifetime.

#### AssociationStructure Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-73].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ResultExpressionMembership>
- **Summary:** ResultExpressionMembershipShape
- **Description:** A `ResultExpressionMembership` is a `FeatureMembership` that indicates that the `ownedResultExpression` provides the result values for the `Function` or `Expression` that owns it. The owning `Function` or `Expression` must contain a `BindingConnector` between the `result parameter` of the `ownedResultExpression` and the `result parameter` of the owning `Function` or `Expression`.

#### ResultExpressionMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType..</b>
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership..</b>
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:resultExpressionMembership_OwnedResultExpression</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> that provides the result for the owner of the <b>ResultExpressionMembership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-74].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MembershipImport>
- **Summary:** MembershipImportShape
- **Description:** A `MembershipImport` is an `Import` that imports its `importedMembership` into the `importOwningNamespace`. If `isRecursive = true` and the `memberElement` of the `importedMembership` is a `Namespace`, then the equivalent of a recursive `NamespaceImport` is also performed on that `Namespace`.

MembershipImport Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported <b>Element</b> for this Import. For a <b>MembershipImport</b> , this is the <code>memberElement</code> of the <code>importedMembership</code> . For a <b>NamespaceImport</b> , it is the <code>importedNamespace</code> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace into which Memberships are imported by this Import, which must be the <code>owningRelatedElement</code> of the Import.
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import memberships without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import Memberships from visible, owned sub-Namespace.
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this Import relative to the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:membershipImport_ImportedMembership</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Membership</b> to be imported.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-75].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PortUsage>
- **Summary:** PortUsageShape
- **Description:** A `PortUsage` is a usage of a `PortDefinition`. A `PortUsage` itself as well as all its `nestedUsages` must be referential (non-composite).

PortUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<b>jazz_am:elaborates</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	This resource elaborates the referenced resource.
<b>jazz_am:external</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	A generic link from a resource to an external web page.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:portUsage_PortDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortDefinition</code>	The <code>occurrenceDefinitions</code> of this <code>PortUsage</code> , which must all be <code>PortDefinitions</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-76].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConstraintDefinition>
- **Summary:** ConstraintDefinitionShape
- **Description:** A `ConstraintDefinition` is an `OccurrenceDefinition` that is also a `Predicate` that defines a constraint that may be asserted to hold on a system or part of a system.

ConstraintDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.



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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>&gt;CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, then there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied</b> = true, meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result</b> parameter of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-77].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SelectExpression>
- **Summary:** SelectExpressionShape
- **Description:** A `SelectExpression` is an `OperatorExpression` whose operator is "select", which resolves to the `Function ControlFunctions::select` from the Kernel Functions Library.

#### SelectExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>value Expressions</b> of the <b>FeatureValues</b> of the owned input parameters of the <b>InvocationExpression</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:operatorExpression_Operator</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	An <b>operator</b> symbol that names a corresponding <b>Function</b> from one of the standard packages from the Kernel Function Library .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-78].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PortConjugation>
- **Summary:** PortConjugationShape
- **Description:** A **PortConjugation** is a **Conjugation Relationship** between a **PortDefinition** and its corresponding **ConjugatedPortDefinition**. As a result of this **Relationship**, the **ConjugatedPortDefinition** inherits all the **features** of the original **PortDefinition**, but input **flows** of the original **PortDefinition** become outputs on the **ConjugatedPortDefinition** and output **flows** of the original **PortDefinition** become inputs on the **ConjugatedPortDefinition**.

#### PortConjugation Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:conjugation_ConjugatedType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the result of applying <b>Conjugation</b> to the <b>originalType</b> .
<code>oslc_sysmlv2:conjugation_OriginalType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> to be conjugated.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:conjugation_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>conjugatedType</code> of this <code>Conjugation</code> that is also its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:portConjugation_ConjugatedPortDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConjugatedPortDefinition</code>	The <b>ConjugatedPortDefinition</b> that is conjugate to the <b>originalPortDefinition</b> .
<code>oslc_sysmlv2:portConjugation_OriginalPortDefinition</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PortDefinition</code>	The <b>PortDefinition</b> being conjugated.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-79].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Succession>
- **Summary:** SuccessionShape
- **Description:** A `Succession` is a binary `Connector` that requires its `relatedFeatures` to happen separately in time.

Succession Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:succession_EffectStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that represent occurrences that are side effects of the <b>transitionStep</b> occurring.
<code>oslc_sysmlv2:succession_GuardExpression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	<b>Expressions</b> that must evaluate to true before the <b>transitionStep</b> can occur.
<code>oslc_sysmlv2:succession_TransitionStep</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	A <b>Step</b> that is typed by the <b>Behavior</b> <b>TransitionPerformances::TransitionPerformance</b> (from the Kernel Semantic Library) that has this <b>Succession</b> as its <b>transitionLink</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:succession_TriggerStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that map incoming events to the timing of occurrences of the <b>transitionStep</b> . The values of <b>triggerStep</b> subset the list of acceptable events to be received by a <b>Behavior</b> or the object that performs it.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-80].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MetadataDefinition>
- **Summary:** MetadataDefinitionShape
- **Description:** A `MetadataDefinition` is an `ItemDefinition` that is also a `Metaclass`.

#### MetadataDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout</b> ..
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-81].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URLs.

- **Describes:** <http://open-services.net/ns/sysmlv2#IfActionUsage>
- **Summary:** IfActionUsageShape
- **Description:** An `IfActionUsage` is an `ActionUsage` that specifies that the `thenAction ActionUsage` should be performed if the result of the `ifArgument Expression` is true. It may also optionally specify an `elseAction ActionUsage` that is performed if the result of the `ifArgument` is false.

#### IfActionUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:ifActionUsage_ElseAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> that is to be performed if the result of the <b>ifArgument</b> is false. It is the (optional) third <b>parameter</b> of the <b>IfActionUsage</b> .
<code>oslc_sysmlv2:ifActionUsage_IfArgument</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result determines whether the <b>thenAction</b> or (optionally) the <b>elseAction</b> is performed. It is the first <b>parameter</b> of the <b>IfActionUsage</b> ..
<code>oslc_sysmlv2:ifActionUsage_ThenAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> that is to be performed if the result of the <b>ifArgument</b> is true. It is the second <b>parameter</b> of the <b>IfActionUsage</b> ..
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual</b> = true.
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-82].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#TypeFeaturing>
- **Summary:** TypeFeaturingShape
- **Description:** A **TypeFeaturing** is a **Featuring Relationship** in which the **featureOfType** is the **source** and the **featuringType** is the **target**.

## TypeFeaturing Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed.
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:typeFeaturing_FeatureOfType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> . It is the <code>source</code> of the <code>TypeFeaturing</code> .
<code>oslc_sysmlv2:typeFeaturing_FeaturingType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType</code> . It is the <code>target</code> of the <code>TypeFeaturing</code> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:typeFeaturing_OwningFeatureOfType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>featureOfType</code> that is also the <code>owningRelatedElement</code> of this <code>TypeFeaturing</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-83].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#EndFeatureMembership>
- **Summary:** EndFeatureMembershipShape
- **Description:** `EndFeatureMembership` is a `FeatureMembership` that requires its `memberFeature` be owned and have `isEnd = true`.

#### EndFeatureMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-84].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AttributeUsage>

- **Summary:** AttributeUsageShape
- **Description:** An **AttributeUsage** is a **Usage** whose type is a **DataType**. Nominally, if the type is an **AttributeDefinition**, an **AttributeUsage** is a usage of a **AttributeDefinition** to represent the value of some system quality or characteristic. However, other kinds of kernel **DataTypes** are also allowed, to permit use of **DataTypes** from the Kernel Model Libraries. An **AttributeUsage** itself as well as all its nested **features** must be referential (non-composite).

**AttributeUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:attributeUsage_AttributeDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:DataType</code>	The <b>DataTypes</b> that are the types of this <b>AttributeUsage</b> . Nominally, these are <b>AttributeDefinitions</b> , but other kinds of kernel <b>DataTypes</b> are also allowed, to permit use of <b>DataTypes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-85].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Predicate>
- **Summary:** PredicateShape
- **Description:** A **Predicate** is a **Function** whose **result parameter** has type **Boolean** and multiplicity **1..1**.

#### Predicate Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> that are <code>steps</code> in the calculation of the <code>result</code> of this <code>Function</code> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Function</code> can be used as the <code>function</code> of a model-level evaluable <code>InvocationExpression</code> . Certain <code>Functions</code> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <code>Functions</code> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>result</code> parameter of the <code>Function</code> , which is owned by the <code>Function</code> via a <code>ReturnParameterMembership</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-86].

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MetadataAccessExpression>
- **Summary:** MetadataAccessExpressionShape
- **Description:** A `MetadataAccessExpression` is an `Expression` whose `result` is a sequence of instances of `MetaClasses` representing all the `MetadataFeature` annotations of the `referencedElement`. In addition, the sequence includes an instance of the reflective `MetaClass` corresponding to the MOF class of the `referencedElement`, with values for all the abstract syntax properties of the `referencedElement`.

**MetadataAccessExpression Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:metadataAccessExpression_ReferencedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> whose metadata is being accessed.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-87].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Interaction>
- **Summary:** InteractionShape
- **Description:** An **Interaction** is a **Behavior** that is also an **Association**, providing a context for multiple objects that have behaviors that impact one another.

#### Interaction Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-88].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#DecisionNode>
- **Summary:** DecisionNodeShape
- **Description:** A `DecisionNode` is a `ControlNode` that makes a selection from its outgoing `Successions`.

DecisionNode Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-89].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#CaseDefinition>
- **Summary:** CaseDefinitionShape
- **Description:** A `CaseDefinition` is a `CalculationDefinition` for a process, often involving collecting evidence or data, relative to a subject, possibly involving the collaboration of one or more other actors, producing a result that meets an objective.

## CaseDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:calculationDefinition_Calculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>actions</b> of this <b>CalculationDefinition</b> that are <b>CalculationUsages</b> .
<code>oslc_sysmlv2:caseDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseDefinition</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseDefinition_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseDefinition</b> .
<code>oslc_sysmlv2:caseDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseDefinition</b> that represents its subject.
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> that are <code>steps</code> in the calculation of the <code>result</code> of this Function.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = true.
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out</b> or <b>inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-90].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#WhileLoopActionUsage>
- **Summary:** WhileLoopActionUsageShape
- **Description:** A `WhileLoopActionUsage` is a `LoopActionUsage` that specifies that the `bodyAction ActionUsage` should be performed repeatedly while the result of the `whileArgument Expression` is true or until the result of the `untilArgument Expression` (if provided) is true. The `whileArgument Expression` is evaluated before each (possible) performance of the `bodyAction`, and the `untilArgument Expression` is evaluated after each performance of the `bodyAction`.

#### WhileLoopActionUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The <b>types</b> of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:loopActionUsage_BodyAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> to be performed repeatedly by the <b>LoopActionUsage</b> . It is the second <b>parameter</b> of the <b>LoopActionUsage</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <b>Definition</b> that owns this <b>Usage</b> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:whileLoopActionUsage_UntilArgument</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result, if false, determines that the <b>bodyAction</b> should continue to be performed. It is the (optional) third owned <b>parameter</b> of the <b>WhileLoopActionUsage</b> .
<code>oslc_sysmlv2:whileLoopActionUsage_WhileArgument</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result, if true, determines that the <b>bodyAction</b> should continue to be performed. It is the first owned <b>parameter</b> of the <b>WhileLoopActionUsage</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-91].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ExhibitStateUsage>
- **Summary:** ExhibitStateUsageShape
- **Description:** An `ExhibitStateUsage` is a `StateUsage` that represents the exhibiting of a `StateUsage`. Unless it is the `StateUsage` itself, the `StateUsage` to be exhibited is related to the `ExhibitStateUsage` by a `ReferenceSubsetting Relationship`. An `ExhibitStateUsage` is also a `PerformActionUsage`, with its `exhibitedState` as the `performedAction`.

### ExhibitStateUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:eventOccurrenceUsage_EventOccurrence</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsage</code> referenced as an event by this <code>EventOccurrenceUsage</code> . It is the <code>referenceFeature</code> of the <code>ownedReferenceSubsetting</code> for the <code>EventOccurrenceUsage</code> , if there is one, and, otherwise, the <code>EventOccurrenceUsage</code> itself.
<code>oslc_sysmlv2:exhibitStateUsage_ExhibitedState</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsage</code> to be exhibited by the <code>ExhibitStateUsage</code> . It is the <code>performedAction</code> of the <code>ExhibitStateUsage</code> considered as a <code>PerformActionUsage</code> , which must be a <code>StateUsage</code> .

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<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.



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<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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<code>oslc_sysmlv2:performActionUsage_PerformedAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> to be performed by this <b>PerformedActionUsage</b> . It is the <b>eventOccurrence</b> of the <b>PerformActionUsage</b> considered as an <b>EventOccurrenceUsage</b> , which must be an <b>ActionUsage</b> .
<code>oslc_sysmlv2:stateUsage_DoAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed while in the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = do</b> .
<code>oslc_sysmlv2:stateUsage_EntryAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed on entry to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = entry</b> .
<code>oslc_sysmlv2:stateUsage_ExitAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed on exit to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = exit</b> .
<code>oslc_sysmlv2:stateUsage_IsParallel</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>nestedStates</b> of this <b>StateUsage</b> are to all be performed in parallel. If true, none of the <b>nestedActions</b> (which include <b>nestedStates</b> ) may have any incoming or outgoing <b>Transitions</b> . If false, only one <b>nestedState</b> may be performed at a time.
<code>oslc_sysmlv2:stateUsage_StateDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>StateUsage</b> . Nominally, these would be <b>StateDefinitions</b> , but kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

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<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-92].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ViewDefinition>
- **Summary:** ViewDefinitionShape
- **Description:** A **ViewDefinition** is a **PartDefinition** that specifies how a view artifact is constructed to satisfy a **viewpoint**. It specifies a **viewConditions** to define the model content to be presented and a **viewRendering** to define how the model content is presented.

ViewDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , the there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:viewDefinition_SatisfiedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The composite <code>ownedRequirements</code> of this <code>ViewDefinition</code> that are <code>ViewpointUsages</code> for viewpoints satisfied by the <code>ViewDefinition</code> .
<code>oslc_sysmlv2:viewDefinition_View</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>usages</code> of this <code>ViewDefinition</code> that are <code>ViewUsages</code> .
<code>oslc_sysmlv2:viewDefinition_ViewCondition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> related to this <code>ViewDefinition</code> by <code>ElementFilterMemberships</code> , which specify conditions on <code>Elements</code> to be rendered in a view.
<code>oslc_sysmlv2:viewDefinition_ViewRendering</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsage</code> to be used to render views defined by this <code>ViewDefinition</code> , which is the <code>referencedRendering</code> of the <code>ViewRenderingMembership</code> of the <code>ViewDefinition</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-93].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LifeClass>
- **Summary:** LifeClassShape
- **Description:** A **LifeClass** is a **Class** that specializes both the **Class Occurrences::Life** from the Kernel Semantic Library and a single **OccurrenceDefinition**, and has a multiplicity of 0..1. This constrains the **OccurrenceDefinition** being specialized to have at most one instance that is a complete **Life**.

#### LifeClass Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-94].

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URLs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RequirementConstraintMembership>
- **Summary:** RequirementConstraintMembershipShape
- **Description:** A `RequirementConstraintMembership` is a `FeatureMembership` for an assumed or required `ConstraintUsage` of a `RequirementDefinition` or `RequirementUsage`..

#### RequirementConstraintMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <code>owningType</code> , making it an <b>ownedFeature</b> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <code>membershipOwningNamespace</code> due to this <b>Membership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:requirementConstraintMembership_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:RequirementConstraintKind</code>	Whether the <code>RequirementConstraintMembership</code> is for an assumed or required <code>ConstraintUsage</code> .
<code>oslc_sysmlv2:requirementConstraintMembership_OwnedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsage</code> that is the <code>ownedMemberFeature</code> of this <code>RequirementConstraintMembership</code> .
<code>oslc_sysmlv2:requirementConstraintMembership_ReferencedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsage</code> that is referenced through this <code>RequirementConstraintMembership</code> . It is the <code>referencedFeature</code> of the <code>ownedReferenceSubsetting</code> of the <code>ownedConstraint</code> , if there is one, and, otherwise, the <code>ownedConstraint</code> itself.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-95].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#OccurrenceUsage>
- **Summary:** OccurrenceUsageShape
- **Description:** An **OccurrenceUsage** is a **Usage** whose **types** are all **Classes**. Nominally, if a **type** is an **OccurrenceDefinition**, an **OccurrenceUsage** is a **Usage** of that **OccurrenceDefinition** within a system. However, other types of Kernel **Classes** are also allowed, to permit use of **Classes** from the Kernel Model Libraries.

### OccurrenceUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-96].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RenderingDefinition>
- **Summary:** RenderingDefinitionShape
- **Description:** A `RenderingDefinition` is a `PartDefinition` that defines a specific rendering of the content of a model view (e.g., symbols, style, layout, etc.).

#### RenderingDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixes Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>EnumerationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <b>FlowConnectionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied <code>Relationships</code> have been included in the <code>ownedRelationships</code> of this <code>Element</code> . This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied</code> = true, meaning that no such <code>Relationships</code> are actually implied for this <code>Element</code> . However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied <code>Relationships</code> . That is, either <i>all</i> required implied <code>Relationships</code> must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Element</code> is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:renderingDefinition_Rendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>usages</b> of a <b>RenderingDefinition</b> that are <b>RenderingUsages</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-97].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#CalculationUsage>
- **Summary:** CalculationUsageShape
- **Description:** A **CalculationUsage** is an **ActionUsage** that is also an **Expression**, and, so, is typed by a **Function**. Nominally, if the **type** is a **CalculationDefinition**, a **CalculationUsage** is a **Usage** of that **CalculationDefinition** within a system. However, other kinds of kernel **Functions** are also allowed, to permit use of **Functions** from the Kernel Model Libraries.

#### CalculationUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The <b>types</b> of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-98].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralBoolean>
- **Summary:** LiteralBooleanShape
- **Description:** `LiteralBoolean` is a `LiteralExpression` that provides a `Boolean` value as a result. Its `result parameter` must have type `Boolean`.

LiteralBoolean Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .

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<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:literalBoolean_Value</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	The <code>Boolean</code> value that is the result of evaluating this <code>LiteralBoolean</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .



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<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-99].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralRational>
- **Summary:** LiteralRationalShape
- **Description:** A `LiteralRational` is a `LiteralExpression` that provides a `Rational` value as a result. Its `result parameter` must have the type `Rational`.

#### LiteralRational Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this Expression.
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Expression meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:literalRational_Value</code>	Exactly-one	false	unspecified	Either	<code>xsd:float</code>	The value whose rational approximation is the result of evaluating this <b>LiteralRational</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-100].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Documentation>
- **Summary:** DocumentationShape
- **Description:** `Documentation` is a `Comment` that specifically documents a `documentedElement`, which must be its `owner`.

#### Documentation Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:comment_Body</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The annotation text for the <b>Comment</b> .
<code>oslc_sysmlv2:comment_Locale</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	Identification of the language of the <b>body</b> text and, optionally, the region and/or encoding. The format shall be a POSIX locale conformant to ISO/IEC 15897, with the format <code>[language[_territory][.codeset][@modifier]]</code> .
<code>oslc_sysmlv2:documentation_DocumentedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that is documented by this <b>Documentation</b> .

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-101].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ForkNode>
- **Summary:** ForkNodeShape
- **Description:** A **ForkNode** is a **ControlNode** that must be followed by successor **Actions** as given by all its outgoing **Successions**.

ForkNode Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .

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<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <b>isVariation = true</b> . If <b>isVariation = false</b> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <b>isVariation = true</b> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <b>isVariation = false</b> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-102].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Annotation>
- **Summary:** AnnotationShape
- **Description:** An **Annotation** is a Relationship between an **AnnotatingElement** and the **Element** that is annotated by that **AnnotatingElement**.

## Annotation Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:annotation_AnnotatedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that is annotated by the <b>annotatingElement</b> of this <b>Annotation</b> .
<code>oslc_sysmlv2:annotation_AnnotatingElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:AnnotatingElement</code>	The <b>AnnotatingElement</b> that annotates the <b>annotatedElement</b> of this <b>Annotation</b> .
<code>oslc_sysmlv2:annotation_OwningAnnotatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>annotatedElement</b> of this <b>Annotation</b> , when it is also its <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:annotation_OwningAnnotatingElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:AnnotatingElement</code>	The <b>annotatingElement</b> of this <b>Annotation</b> , when it is also its <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this <b>Element</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-103].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureMembership>
- **Summary:** FeatureMembershipShape
- **Description:** A **FeatureMembership** is an **OwningMembership** between a **Feature** in an **owningType** that is also a **Featuring Relationship** between the **Feature** and the **Type**, in which the **featuringType** is the **source** and the **featureOfType** is the **target**. A **FeatureMembership** is always owned by its **owningType**, which is the **featuringType** for the **FeatureMembership** considered as a **Featuring**.

#### FeatureMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> ..
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-104].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Conjugation>



- **Summary:** ConjugationShape
- **Description:** *Conjugation* is a **Relationship** between two types in which the **conjugatedType** inherits all the **Features** of the **originalType**, but with all **input** and **output Features** reversed. That is, any **Features** with a **direction in** relative to the **originalType** are considered to have an effective **direction of out** relative to the **conjugatedType** and, similarly, **Features** with **direction out** in the **originalType** are considered to have an effective **direction of in** in the **conjugatedType**. **Features** with **direction inout**, or with no **direction**, in the **originalType**, are inherited without change.

### Conjugation Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:conjugation_ConjugatedType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the result of applying <b>Conjugation</b> to the <b>originalType</b> .
<code>oslc_sysmlv2:conjugation_OriginalType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> to be conjugated.
<code>oslc_sysmlv2:conjugation_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>conjugatedType</b> of this <b>Conjugation</b> that is also its <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an ownedRelatedElement, if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-105].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SatisfyRequirementUsage>
- **Summary:** SatisfyRequirementUsageShape
- **Description:** A `SatisfyRequirementUsage` is an `AssertConstraintUsage` that asserts, by default, that a satisfied `RequirementUsage` is true for a specific `satisfyingFeature`, or, if `isNegated = true`, that the `RequirementUsage` is false. The satisfied `RequirementUsage` is related to the `SatisfyRequirementUsage` by a `ReferenceSubsetting Relationship`.

#### SatisfyRequirementUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:assertConstraintUsage_AssertedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsage</code> to be performed by the <code>AssertConstraintUsage</code> . It is the <code>referenceFeature</code> of the <code>ownedReferenceSubsetting</code> for the <code>AssertConstraintUsage</code> , if there is one, and, otherwise, the <code>AssertConstraintUsage</code> itself.
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <code>Predicate</code> that types this <code>BooleanExpression</code> .
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <code>Predicate</code> that is the type of this <code>ConstraintUsage</code> . Nominally, this will be a <code>ConstraintDefinition</code> , but other kinds of <code>Predicates</code> are also allowed, to permit use of <code>Predicates</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The <b>types</b> of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:invariant_IsNegated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Invariant</b> is asserted to be false rather than true.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:requirementUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementUsage_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementUsage</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementUsage_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementUsage</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementUsage</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementUsage</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = requirement</b> .
<code>oslc_sysmlv2:requirementUsage_RequirementDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementDefinition</code>	The <b>RequirementDefinition</b> that is the single definition of this <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent stakeholders for the requirement.
<code>oslc_sysmlv2:requirementUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementUsage</b> that represents its subject.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementUsage_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <code>RequirementUsage</code> , derived from the bodies of the documentation of the <code>RequirementUsage</code> .
<code>oslc_sysmlv2:satisfyRequirementUsage_SatisfiedRequirement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsage</code> that is satisfied by the <code>satisfyingSubject</code> of this <code>SatisfyRequirementUsage</code> . It is the <code>assertedConstraint</code> of the <code>SatisfyRequirementUsage</code> considered as an <code>AssertConstraintUsage</code> , which must be a <code>RequirementUsage</code> .
<code>oslc_sysmlv2:satisfyRequirementUsage_SatisfyingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that represents the actual subject that is asserted to satisfy the <code>satisfiedRequirement</code> . The <code>satisfyingFeature</code> is bound to the <code>subjectParameter</code> of the <code>SatisfyRequirementUsage</code> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <b>features</b> of this <b>Type</b> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <b>Type</b> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <b>Types</b> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <b>Type</b> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <code>ownedMember</code> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <b>Type</b> for which the <b>Type</b> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Differencings</code> , having this <b>Type</b> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Disjoinings</code> , for which the <b>Type</b> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <b>Type</b> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> , for which the <b>Type</b> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Intersectings</code> , have the <b>Type</b> as their <code>typeIntersected</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The code>AttributeUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this Usage. Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-106].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AssertConstraintUsage>
- **Summary:** AssertConstraintUsageShape
- **Description:** An `AssertConstraintUsage` is a `ConstraintUsage` that is also an `Invariant` and, so, is asserted to be true (by default). Unless it is the `AssertConstraintUsage` itself, the asserted `ConstraintUsage` is related to the `AssertConstraintUsage` by a ReferenceSubsetting `Relationship`.

#### AssertConstraintUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:assertConstraintUsage_AssertedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsage</b> to be performed by the <b>AssertConstraintUsage</b> . It is the <b>referenceFeature</b> of the <b>ownedReferenceSubsetting</b> for the <b>AssertConstraintUsage</b> , if there is one, and, otherwise, the <b>AssertConstraintUsage</b> itself.
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <b>Predicate</b> that is the type of this <b>ConstraintUsage</b> . Nominally, this will be a <b>ConstraintDefinition</b> , but other kinds of <b>Predicates</b> are also allowed, to permit use of <b>Predicates</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:invariant_IsNegated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Invariant</code> is asserted to be false rather than true.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>&gt;AttributeUsages</code> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-107].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureTyping>
- **Summary:** FeatureTypingShape
- **Description:** `FeatureTyping` is **Specialization** in which the **specific Type** is a **Feature**. This means the set of instances of the (specific) `typedFeature` is a subset of the set of instances of the (general) `type`. In the simplest case, the `type` is a **Classifier**, whereupon the `typedFeature` has values that are instances of the **Classifier**.

FeatureTyping Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:featureTyping_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>typedFeature</code> that is also the <code>owningRelatedElement</code> of this <code>FeatureTyping</code> .
<code>oslc_sysmlv2:featureTyping_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is being applied by this <code>FeatureTyping</code> .
<code>oslc_sysmlv2:featureTyping_TypedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that has a <code>type</code> determined by this <code>FeatureTyping</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <code>Elements</code> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>specific Type</code> of this <code>Specialization</code> and owns it as its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a subset of all instances of the <code>general Type</code> , which might be the same set.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-108].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#VerificationCaseDefinition>
- **Summary:** VerificationCaseDefinitionShape
- **Description:** A `VerificationCaseDefinition` is a `CaseDefinition` for the purpose of verification of the subject of the case against its requirements.

#### VerificationCaseDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>steps</b> in this <b>ActionDefinition</b> , which define the actions that specify the behavior of the <b>ActionDefinition</b> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:calculationDefinition_Calculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>actions</b> of this <b>CalculationDefinition</b> that are <b>CalculationUsages</b> .
<code>oslc_sysmlv2:caseDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseDefinition</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseDefinition_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseDefinition</b> .
<code>oslc_sysmlv2:caseDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseDefinition</b> that represents its subject.
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this Definition. Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <b>StateUsages</b> that are <b>ownedUsages</b> of this Definition.
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <b>TransitionUsages</b> that are <b>ownedUsages</b> of this Definition.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>ownedFeatures</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <b>VerificationCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <b>ViewUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <b>isModelLevelEvaluable = true</b> . For all other <b>Functions</b> it is <b>false</b> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:verificationCaseDefinition_VerifiedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> verified by this <b>VerificationCaseDefinition</b> , which are the <b>verifiedRequirements</b> of all <b>RequirementVerificationMemberships</b> of the <b>objectiveRequirement</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-109].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Structure>
- **Summary:** StructureShape
- **Description:** A **Structure** is a **Class** of objects in the modeled universe that are primarily structural in nature. While such an object is not itself behavioral, it may be involved in and acted on by **Behaviors**, and it may be the performer of some of them.

Structure Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-110].

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ControlNode>
- **Summary:** ControlNodeShape
- **Description:** A **ControlNode** is an **ActionUsage** that does not have any inherent behavior but provides constraints on incoming and outgoing **Successions** that are used to control other **Actions**. A **ControlNode** must be a composite owned **usage** of an **ActionDefinition** or **ActionUsage**.

### ControlNode Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature for people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-111].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Membership>
- **Summary:** MembershipShape
- **Description:** A **Membership** is a **Relationship** between a **Namespace** and an **Element** that indicates the **Element** is a **member** of (i.e., is contained in) the Namespace. Any **memberNames** specify how the **memberElement** is identified in the **Namespace** and the **visibility** specifies whether or not the **memberElement** is publicly visible from outside the **Namespace**.

Membership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-112].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RenderingUsage>
- **Summary:** RenderingUsageShape
- **Description:** A **RenderingUsage** is the usage of a **RenderingDefinition** to specify the rendering of a specific model view to produce a physical view artifact.

RenderingUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <b>itemDefinitions</b> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:renderingUsage_RenderingDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RenderingDefinition</code>	The <b>RenderingDefinition</b> that is the <b>definition</b> of this <b>RenderingUsage</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout..</code>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-113].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AllocationUsage>
- **Summary:** AllocationUsageShape
- **Description:** An **AllocationUsage** is a usage of an **AllocationDefinition** asserting the allocation of the **source** feature to the **target** feature.

AllocationUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:allocationUsage_AllocationDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationDefinition</code>	The <code>AllocationDefinitions</code> that are the types of this <code>AllocationUsage</code> .
<code>oslc_sysmlv2:connectionUsage_ConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AssociationStructure</code>	The <code>AssociationStructures</code> that are the types of this <code>ConnectionUsage</code> . Nominally, these are , but other kinds of Kernel <code>AssociationStructures</code> are also allowed, to permit use of <code>AssociationStructures</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <code>Associations</code> that type the <code>Connector</code> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>endFeatures</code> of a <code>Connector</code> , which redefine the <code>endFeatures</code> of the <code>associations</code> of the <code>Connector</code> . The <code>connectorEnds</code> determine via <code>ReferenceSubsetting Relationships</code> which <code>Features</code> are related by the <code>Connector</code> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Features</code> that are related by this <code>Connector</code> considered as a <code>Relationship</code> and that restrict the links it identifies, given by the referenced <code>Features</code> of the <code>connectorEnds</code> of the <code>Connector</code> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <code>relatedFeature</code> for this <code>Connector</code> . It is the first <code>relatedFeature</code> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <code>relatedFeatures</code> for this <code>Connector</code> . This includes all the <code>relatedFeatures</code> other than the <code>sourceFeature</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <code>itemDefinitions</code> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <b>Definition</b> that owns this <b>Usage</b> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-114].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Featuring>

- **Summary:** FeaturingShape
- **Description:** **Featuring** is a **Relationship** between a **Type** and a **Feature** that is featured by that **Type**. It asserts that every instance in the domain of the **feature** must be classified by the **type**.

**Featuring Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType..</code>
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-115].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Definition>
- **Summary:** DefinitionShape
- **Description:** A **Definition** is a **Classifier** of **Usages**. The actual kinds of **Definition** that may appear in a model are given by the subclasses of **Definition** (possibly as extended with user-defined **SemanticMetadata**).

#### Definition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>code&gt;CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , the there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-116].



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Usage>
- **Summary:** UsageShape
- **Description:** A `Usage` is a usage of a `Definition`. A `Usage` may only be an `ownedFeature` of a `Definition` or another `Usage`.

### Usage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>ownedFeatures</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <b>VerificationCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <b>ViewUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <b>Definition</b> that owns this <b>Usage</b> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <b>isVariation = true</b> . If <b>isVariation = false</b> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <b>isVariation = true</b> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <b>isVariation = false</b> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-117].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FlowConnectionUsage>
- **Summary:** FlowConnectionUsageShape
- **Description:** A `FlowConnectionUsage` is a `ConnectionUsage` that is also an `ItemFlow`.

#### FlowConnectionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connectionUsage_ConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AssociationStructure</code>	The <b>AssociationStructures</b> that are the types of this <b>ConnectionUsage</b> . Nominally, these are , but other kinds of Kernel <b>AssociationStructures</b> are also allowed, to permit use of <b>AssociationStructures</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.



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<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

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<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.

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<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The <b>types</b> of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:flowConnectionUsage_FlowConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <b>Interactions</b> that are the <b>types</b> of this <b>FlowConnectionUsage</b> . Nominally, these are <b>FlowConnectionDefinitions</b> , but other kinds of Kernel <b>Interactions</b> are also allowed, to permit use of <b>Interactions</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:itemFlow_Interaction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <b>Interactions</b> that type this <b>ItemFlow</b> . <b>Interactions</b> are both <b>Associations</b> and <b>Behaviors</b> , which can type <b>Connectors</b> and <b>Steps</b> , respectively.
<code>oslc_sysmlv2:itemFlow_ItemFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ItemFeature</code>	The <b>ownedFeature</b> of the <b>ItemFlow</b> that is an <b>ItemFeature</b> (if any).
<code>oslc_sysmlv2:itemFlow_ItemFlowEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemFlowEnd</code>	The <b>connectorEnds</b> of this <b>ItemFlow</b> that are <b>ItemFlowEnds</b> .
<code>oslc_sysmlv2:itemFlow_ItemType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The type of values transferred, which is the <b>type</b> of the <b>itemFeature</b> of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemFlow_SourceOutputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that provides the items carried by the <b>ItemFlow</b> . It must be an owned <b>output</b> of the <b>source</b> of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemFlow_TargetInputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that receives the values carried by the <b>ItemFlow</b> . It must be an owned <b>output</b> of the target participant of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The <b>Structures</b> that are the <b>definitions</b> of this <b>ItemUsage</b> . Nominally, these are <b>ItemDefinitions</b> , but other kinds of Kernel <b>Structures</b> are also allowed, to permit use of <b>Structures</b> from the Kernel Library.

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<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <b>itemDefinitions</b> of this <b>PartUsage</b> that are <b>PartDefinitions</b> .

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<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-118].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#CollectExpression>
- **Summary:** `CollectExpressionShape`
- **Description:** A `CollectExpression` is an `OperatorExpression` whose `operator` is "collect", which resolves to the `Function ControlFunctions::collect` from the Kernel Functions Library.

CollectExpression Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:invocationExpression_Argument</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>value Expressions</code> of the <code>FeatureValues</code> of the owned input parameters of the <code>InvocationExpression</code> .
<code>oslc_sysmlv2:invocationExpression_Operand</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	operand.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:operatorExpression_Operator</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	An <b>operator</b> symbol that names a corresponding <b>Function</b> from one of the standard packages from the Kernel Function Library .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-119].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RequirementVerificationMembership>
- **Summary:** RequirementVerificationMembershipShape
- **Description:** A **RequirementVerificationMembership** is a **RequirementConstraintMembership** used in the objective of a **VerificationCase** to identify a **RequirementUsage** that is verified by the **VerificationCase**.

#### RequirementVerificationMembership Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <code>ownedRelatedElements</code> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <code>owningRelatedElement</code> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <code>membershipOwningNamespace</code> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <code>featuringType</code> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <code>featureOfType</code> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <b>Membership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:requirementConstraintMembership_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:RequirementConstraintKind</code>	Whether the <b>RequirementConstraintMembership</b> is for an assumed or required <b>ConstraintUsage</b> .
<code>oslc_sysmlv2:requirementConstraintMembership_OwnedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsage</b> that is the <b>ownedMemberFeature</b> of this <b>RequirementConstraintMembership</b> .
<code>oslc_sysmlv2:requirementConstraintMembership_ReferencedConstraint</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsage</b> that is referenced through this <b>RequirementConstraintMembership</b> . It is the <b>referencedFeature</b> of the <b>ownedReferenceSubsetting</b> of the <b>ownedConstraint</b> , if there is one, and, otherwise, the <b>ownedConstraint</b> itself.
<code>oslc_sysmlv2:requirementVerificationMembership_OwnedRequirement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The owned <b>RequirementUsage</b> that acts as the <b>ownedConstraint</b> for this <b>RequirementVerificationMembership</b> . This will either be the <b>verifiedRequirement</b> , or it will subset the <b>verifiedRequirement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementVerificationMembership_VerifiedRequirement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> that is identified as being verified. It is the <b>referencedConstraint</b> of the <b>RequirementVerificationMembership</b> considered as a <b>RequirementConstraintMembership</b> , which must be a <b>RequirementUsage</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-120].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#StateUsage>
- **Summary:** StateUsageShape

## Standards Track Work Product

- **Description:** A **StateUsage** is an **ActionUsage** that is nominally the **Usage** of a **StateDefinition**. However, other kinds of kernel **Behaviors** are also allowed as **types**, to permit use of **Behaviors** .

### StateUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:stateUsage_DoAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed while in the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = do</b> .
<code>oslc_sysmlv2:stateUsage_EntryAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed on entry to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = entry</b> .
<code>oslc_sysmlv2:stateUsage_ExitAction</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> of this <b>StateUsage</b> to be performed on exit to the state defined by the <b>StateDefinition</b> . It is the owned <b>ActionUsage</b> related to the <b>StateUsage</b> by a <b>StateSubactionMembership</b> with <b>kind = exit</b> .
<code>oslc_sysmlv2:stateUsage_IsParallel</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>nestedStates</b> of this <b>StateUsage</b> are to all be performed in parallel. If true, none of the <b>nestedActions</b> (which include <b>nestedStates</b> ) may have any incoming or outgoing <b>Transitions</b> . If false, only one <b>nestedState</b> may be performed at a time.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:stateUsage_StateDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>StateUsage</b> . Nominally, these would be <b>StateDefinitions</b> , but kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout..</code>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-121].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#BindingConnectorAsUsage>
- **Summary:** BindingConnectorAsUsageShape
- **Description:** A `BindingConnectorAsUsage` is both a `BindingConnector` and a `ConnectorAsUsage`.

**BindingConnectorAsUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All features of this Type with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this Type.
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for features of this Type, which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this Type that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this Type via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the Type.
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All features related to this Type by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a Type with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the Types derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this Type. For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this Type must also be instances of at least one of its specialized Types.
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this Type has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this Type must be classified by the Type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-122].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#InterfaceDefinition>
- **Summary:** InterfaceDefinitionShape
- **Description:** An `InterfaceDefinition` is a `ConnectionDefinition` all of whose ends are `PortUsages`, defining an interface between elements that interact through such ports.

InterfaceDefinition Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <b>binary Association</b> .
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:connectionDefinition_ConnectionEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that define the things related by the <b>ConnectionDefinition</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>EnumerationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:interfaceDefinition_InterfaceEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are the <code>connectionEnds</code> of this <code>InterfaceDefinition</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this Namespace that result from the <code>ownedImports</code> of this Namespace.
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member Elements of this Namespace, which are the <code>memberElements</code> of all <code>memberships</code> of the Namespace.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this OccurrenceDefinition is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> <b>in</b> or <b>inout</b> ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-123].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MetadataUsage>
- **Summary:** MetadataUsageShape
- **Description:** A `MetadataUsage` is a `Usage` and a `MetadataFeature`, used to annotate other `Elements` in a system model with metadata. As a `MetadataFeature`, its type must be a `Metaclass`, which will nominally be a `MetadataDefinition`. However, any kernel `Metaclass` is also allowed, to permit use of `MetaClasses` from the Kernel Model Libraries.

#### MetadataUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an ownedRelatedElement, if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that are chained together to determine the values of this <code>Feature</code> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <code>Feature</code> , in the same order. The values of a <code>Feature</code> with <code>chainingFeatures</code> are the same as values of the last <code>Feature</code> in the chain, which can be found by starting with the values of the first <code>Feature</code> (for each instance of the domain of the original <code>Feature</code> ), then using each of those as domain instances to find the values of the second <code>Feature</code> in <code>chainingFeatures</code> , and so on, to values of the last <code>Feature</code> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <code>Feature</code> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:metadataFeature_Metaclass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Metaclass</code>	The <b>type</b> of this <b>MetadataFeature</b> , which must be a <b>Metaclass</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:metadataUsage_MetadataDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Metaclass</code>	The <code>MetadataDefinition</code> that is the <code>definition</code> of this <code>MetadataUsage</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specificType</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>&gt;AttributeUsages</code> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-124].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ItemFlow>
- **Summary:** ItemFlowShape
- **Description:** An `ItemFlow` is a `Step` that represents the transfer of objects or data values from one `Feature` to another. `ItemFlows` can take non-zero time to complete.

ItemFlow Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in chainingFeatures, and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:itemFlow_Interaction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <code>Interactions</code> that type this <code>ItemFlow</code> . <code>Interactions</code> are both <code>Associations</code> and <code>Behaviors</code> , which can type <code>Connectors</code> and <code>Steps</code> , respectively.
<code>oslc_sysmlv2:itemFlow_ItemFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ItemFeature</code>	The <code>ownedFeature</code> of the <code>ItemFlow</code> that is an <code>ItemFeature</code> (if any).
<code>oslc_sysmlv2:itemFlow_ItemFlowEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemFlowEnd</code>	The <code>connectorEnds</code> of this <code>ItemFlow</code> that are <code>ItemFlowEnds</code> .
<code>oslc_sysmlv2:itemFlow_ItemType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The type of values transferred, which is the <code>type</code> of the <code>itemFeature</code> of the <code>ItemFlow</code> .
<code>oslc_sysmlv2:itemFlow_SourceOutputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that provides the items carried by the <code>ItemFlow</code> . It must be an owned <code>output</code> of the <code>source</code> of the <code>ItemFlow</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:itemFlow_TargetInputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that receives the values carried by the <b>ItemFlow</b> . It must be an owned <b>output</b> of the target participant of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-125].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#FeatureChaining>
- **Summary:** FeatureChainingShape
- **Description:** FeatureChaining is a Relationship that makes its target Feature one of the chainingFeatures of its owning Feature.

#### FeatureChaining Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:featureChaining_ChainingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature whose values partly determine values of <code>featureChained</code> , as described in <code>Feature::chainingFeature</code> .
<code>oslc_sysmlv2:featureChaining_FeatureChained</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature whose values are partly determined by values of the <code>chainingFeature</code> , as described in <code>Feature::chainingFeature</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-126].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Differencing>
- **Summary:** DifferencingShape
- **Description:** `Differencing` is a `Relationship` that makes its `differencingType` one of the `differencingTypes` of its `typeDifferenced`.

Differencing Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:differencing_DifferencingType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Type</b> that partly determines interpretations of <code>typeDifferenced</code> , as described in <code>Type::differencingType</code> .
<code>oslc_sysmlv2:differencing_TypeDifferenced</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Type</b> with interpretations partly determined by <code>differencingType</code> , as described in <code>Type::differencingType</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-127].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SuccessionItemFlow>
- **Summary:** SuccessionItemFlowShape
- **Description:** A `SuccessionItemFlow` is an `ItemFlow` that also provides temporal ordering. It classifies `Transfers` that cannot start until the source `Occurrence` has completed and that must complete before the target `Occurrence` can start.

#### SuccessionItemFlow Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this <b>Element</b> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <b>Element</b> . This is intended to be set by tooling, and it must not change during the lifetime of the <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:itemFlow_Interaction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <code>Interactions</code> that type this <code>ItemFlow</code> . <code>Interactions</code> are both <code>Associations</code> and <code>Behaviors</code> , which can type <code>Connectors</code> and <code>Steps</code> , respectively.
<code>oslc_sysmlv2:itemFlow_ItemFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ItemFeature</code>	The <code>ownedFeature</code> of the <code>ItemFlow</code> that is an <code>ItemFeature</code> (if any).
<code>oslc_sysmlv2:itemFlow_ItemFlowEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemFlowEnd</code>	The <code>connectorEnds</code> of this <code>ItemFlow</code> that are <code>ItemFlowEnds</code> .
<code>oslc_sysmlv2:itemFlow_ItemType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The type of values transferred, which is the <code>type</code> of the <code>itemFeature</code> of the <code>ItemFlow</code> .
<code>oslc_sysmlv2:itemFlow_SourceOutputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that provides the items carried by the <code>ItemFlow</code> . It must be an owned <code>output</code> of the <code>source</code> of the <code>ItemFlow</code> .
<code>oslc_sysmlv2:itemFlow_TargetInputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that receives the values carried by the <code>ItemFlow</code> . It must be an owned <code>output</code> of the target participant of the <code>ItemFlow</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:succession_EffectStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that represent occurrences that are side effects of the <b>transitionStep</b> occurring.
<code>oslc_sysmlv2:succession_GuardExpression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	<b>Expressions</b> that must evaluate to true before the <b>transitionStep</b> can occur.
<code>oslc_sysmlv2:succession_TransitionStep</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	A <b>Step</b> that is typed by the <b>Behavior TransitionPerformances::TransitionPerformance</b> (from the Kernel Semantic Library) that has this <b>Succession</b> as its <b>transitionLink</b> .
<code>oslc_sysmlv2:succession_TriggerStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that map incoming events to the timing of occurrences of the <b>transitionStep</b> . The values of <b>triggerStep</b> subset the list of acceptable events to be received by a <b>Behavior</b> or the object that performs it.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-128].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MultiplicityRange>
- **Summary:** MultiplicityRangeShape
- **Description:** A **MultiplicityRange** is a **Multiplicity** whose value is defined to be the (inclusive) range of natural numbers given by the result of a **lowerBound Expression** and the result of an **upperBound Expression**. The result of these **Expressions** shall be of type **Natural**. If the result of the **upperBound Expression** is the unbounded value **\***, then the specified range includes all natural numbers greater than or equal to the **lowerBound** value. If no **lowerBound Expression**, then the default is that the lower bound has the same value as the upper bound, except if the **upperBound** evaluates to **\***, in which case the default for the lower bound is 0.

### MultiplicityRange Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:multiplicityRange_Bound</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>owned Expressions</b> of the <b>MultiplicityRange</b> whose results provide its bounds. These must be the only <b>ownedMembers</b> of the <b>MultiplicityRange</b> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:multiplicityRange_LowerBound</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result provides the lower bound of the <b>MultiplicityRange</b> . If no <b>lowerBound Expression</b> is given, then the lower bound shall have the same value as the upper bound, unless the upper bound is unbounded (*), in which case the lower bound shall be 0.
<code>oslc_sysmlv2:multiplicityRange_UpperBound</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expression</b> whose result is the upper bound of the <b>MultiplicityRange</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).

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<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-129].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralInfinity>
- **Summary:** LiteralInfinityShape
- **Description:** A **LiteralInfinity** is a **LiteralExpression** that provides the positive infinity value (\*). It's **result** must have the type **Positive**.

#### LiteralInfinity Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-130].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#InterfaceUsage>
- **Summary:** InterfaceUsageShape
- **Description:** An `InterfaceUsage` is a Usage of an `InterfaceDefinition` to represent an interface connecting parts of a system through specific ports.

#### InterfaceUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connectionUsage_ConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AssociationStructure</code>	The <b>AssociationStructures</b> that are the types of this <b>ConnectionUsage</b> . Nominally, these are , but other kinds of Kernel <b>AssociationStructures</b> are also allowed, to permit use of <b>AssociationStructures</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:interfaceUsage_InterfaceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceDefinition</code>	The <code>InterfaceDefinitions</code> that type this <code>InterfaceUsage</code> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <code>definitions</code> of this <code>ItemUsage</code> . Nominally, these are <code>ItemDefinitions</code> , but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <b>itemDefinitions</b> of this <b>PartUsage</b> that are <b>PartDefinitions</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Relationship</b> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this <b>Relationship</b> that are owned by the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this <b>Relationship</b> that owns the <b>Relationship</b> , if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this <b>Relationship</b> , derived as the union of the <b>source</b> and <b>target</b> <b>Elements</b> of the <b>Relationship</b> .
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this <b>Relationship</b> is considered to be directed..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>code&gt;EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>code&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-131].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PerformActionUsage>
- **Summary:** PerformActionUsageShape
- **Description:** A `PerformActionUsage` is an `ActionUsage` that represents the performance of an `ActionUsage`. Unless it is the `PerformActionUsage` itself, the `ActionUsage` to be performed is related to the `PerformActionUsage` by a `ReferenceSubsetting` relationship. A `PerformActionUsage` is also an `EventOccurrenceUsage`, with its `performedAction` as the `eventOccurrence`.

PerformActionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.

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<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:eventOccurrenceUsage_EventOccurrence</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsage</b> referenced as an event by this <b>EventOccurrenceUsage</b> . It is the <code>referenceFeature</code> of the <code>ownedReferenceSubsetting</code> for the <b>EventOccurrenceUsage</b> , if there is one, and, otherwise, the <b>EventOccurrenceUsage</b> itself.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <code>feature</code> of its <code>featuringType</code> . If so, the values of the <b>Feature</b> cannot exist after its <code>featuring</code> instance no longer does.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>owned members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .

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<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:performActionUsage_PerformedAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> to be performed by this <b>PerformedActionUsage</b> . It is the <b>eventOccurrence</b> of the <b>PerformActionUsage</b> considered as an <b>EventOccurrenceUsage</b> , which must be an <b>ActionUsage</b> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-132].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#TransitionUsage>
- **Summary:** TransitionUsageShape
- **Description:** A `TransitionUsage` is an `ActionUsage` representing a triggered transition between `ActionUsages` or `StateUsages`. When triggered by a `triggerAction`, when its `guardExpression` is true, the `TransitionUsage` asserts that its `source` is exited, then its `effectAction` (if any) is performed, and then its `target` is entered.

## TransitionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .

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<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:transitionUsage_EffectAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that define the effects of this <b>TransitionUsage</b> , which are the <b>ownedFeatures</b> of the <b>TransitionUsage</b> related to it by <b>TransitionFeatureMemberships</b> with <b>kind = effect</b> , which must all be <b>ActionUsages</b> .
<code>oslc_sysmlv2:transitionUsage_GuardExpression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that define the guards of this <b>TransitionUsage</b> , which are the <b>ownedFeatures</b> of the <b>TransitionUsage</b> related to it by <b>TransitionFeatureMemberships</b> with <b>kind = guard</b> , which must all be <b>Expressions</b> .
<code>oslc_sysmlv2:transitionUsage_Source</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The source <b>ActionUsage</b> of this <b>TransitionUsage</b> , which becomes the <b>source</b> of the <b>succession</b> for the <b>TransitionUsage</b> .
<code>oslc_sysmlv2:transitionUsage_Succession</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Succession</code>	The <b>Succession</b> that is the <b>ownedFeature</b> of this <b>TransitionUsage</b> , which, if the <b>TransitionUsage</b> is triggered, asserts the temporal ordering of the <b>source</b> and <b>target</b> .
<code>oslc_sysmlv2:transitionUsage_Target</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The target <b>ActionUsage</b> of this <b>TransitionUsage</b> , which is the <b>targetFeature</b> of the <b>succession</b> for the <b>TransitionUsage</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:transitionUsage_TriggerAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AcceptActionUsage</code>	The <b>AcceptActionUsages</b> that define the triggers of this <b>TransitionUsage</b> , which are the <b>ownedFeatures</b> of the <b>TransitionUsage</b> related to it by <b>TransitionFeatureMemberships</b> with <b>kind = trigger</b> , which must all be <b>AcceptActionUsages</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-133].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#VerificationCaseUsage>
- **Summary:** VerificationCaseUsageShape
- **Description:** A `VerificationCaseUsage` is a Usage of a `VerificationCaseDefinition`.

VerificationCaseUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The Function that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:caseUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseUsage</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseUsage_CaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:CaseDefinition</code>	The <b>CaseDefinition</b> that is the type of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseUsage</b> that represents its subject.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this Element.
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the Element that is intended to be shorter or in some way more succinct than its primary name. It may act as a modeler-specified identifier for the Element, though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in chainingFeatures, and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> out or inout..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite</b> = <b>false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The code>AttributeUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this Usage. Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:verificationCaseUsage_VerificationCaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseDefinition</code>	The <code>VerificationCase</code> that is the <code>definition</code> of this <code>VerificationCaseUsage</code> .
<code>oslc_sysmlv2:verificationCaseUsage_VerifiedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> verified by this <code>VerificationCaseUsage</code> , which are the <code>verifiedRequirements</code> of all <code>RequirementVerificationMemberships</code> of the <code>objectiveRequirement</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-134].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PortDefinition>
- **Summary:** PortDefinitionShape
- **Description:** A `PortDefinition` defines a point at which external entities can connect to and interact with a system or part of a system. Any `ownedUsages` of a `PortDefinition`, other than `PortUsages`, must not be composite.

PortDefinition Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this Definition. Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:portDefinition_ConjugatedPortDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ConjugatedPortDefinition</code>	The that is conjugate to this <code>PortDefinition</code> ..
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in</b> or <b>inout</b> .
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-135].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LiteralInteger>
- **Summary:** LiteralIntegerShape
- **Description:** A **LiteralInteger** is a **LiteralExpression** that provides an **Integer** value as a result. Its **result parameter** must have the type **Integer**.

### LiteralInteger Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:literalInteger_Value</code>	Exactly-one	false	unspecified	Either	<code>xsd:integer</code>	The <code>Integer</code> value that is the result of evaluating this <code>LiteralInteger</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-136].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ViewpointDefinition>
- **Summary:** ViewpointDefinitionShape
- **Description:** A **ViewpointDefinition** is a **RequirementDefinition** that specifies one or more stakeholder concerns that are to be satisfied by creating a view of a model.

#### ViewpointDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>code&gt;CaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this Definition. Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <b>ViewUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> that are <code>steps</code> in the calculation of the <code>result</code> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <code>function</code> of a model-level evaluable <code>InvocationExpression</code> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>result</code> parameter of the <b>Function</b> , which is owned by the <b>Function</b> via a <code>ReturnParameterMembership</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:requirementDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementDefinition</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementDefinition_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementDefinition</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementDefinition</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementDefinition_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementDefinition</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementDefinition</b> .
<code>oslc_sysmlv2:requirementDefinition_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementDefinition</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementDefinition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementDefinition_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementDefinition</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementDefinition</b> with <b>kind = requirement</b> .
<code>oslc_sysmlv2:requirementDefinition_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementDefinition</b> that represent stakeholders for th requirement.
<code>oslc_sysmlv2:requirementDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementDefinition</b> that represents its subject.
<code>oslc_sysmlv2:requirementDefinition_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <b>RequirementDefinition</b> , derived from the <b>bodies</b> of the <b>documentation</b> of the <b>RequirementDefinition</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:viewpointDefinition_ViewpointStakeholder</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that identify the stakeholders with concerns framed by this <b>ViewpointDefinition</b> , which are the owned and inherited <b>stakeholderParameters</b> of the <b>framedConcerns</b> of this <b>ViewpointDefinition</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-137].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#LoopActionUsage>

- **Summary:** LoopActionUsageShape
- **Description:** A `LoopActionUsage` is an `ActionUsage` that specifies that its `bodyAction` should be performed repeatedly. Its subclasses `WhileLoopActionUsage` and `ForLoopActionUsage` provide different ways to determine how many times the `bodyAction` should be performed.

**LoopActionUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in chainingFeatures, and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:loopActionUsage_BodyAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsage</b> to be performed repeatedly by the <b>LoopActionUsage</b> . It is the second <b>parameter</b> of the <b>LoopActionUsage</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-138].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MembershipExpose>
- **Summary:** MembershipExposeShape
- **Description:** A `MembershipExpose` is an `Expose` that exposes a specific `importedMembership` and, if `isRecursive = true`, additional `Memberships` recursively..

MembershipExpose Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported <b>Element</b> for this Import. For a <b>MembershipImport</b> , this is the <b>memberElement</b> of the <b>importedMembership</b> . For a <b>NamespaceImport</b> , it is the <b>importedNamespace</b> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace into which Memberships are imported by this Import, which must be the <b>owningRelatedElement</b> of the Import.
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import memberships without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import Memberships from visible, owned sub-Namespaces.
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this Import relative to the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:membershipImport_ImportedMembership</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Membership</b> to be imported.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-139].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ActorMembership>
- **Summary:** ActorMembershipShape
- **Description:** An `ActorMembership` is a `ParameterMembership` that identifies a `PartUsage` as an `actor parameter`, which specifies a role played by an external entity in interaction with the `owningType` of the `ActorMembership`.

#### ActorMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actorMembership_OwnedActorParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsage</code> specifying the actor.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> ..
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a <b>member</b> due to this <b>Membership</b> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:parameterMembership_OwnedMemberParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is identified as a <code>parameter</code> by this <code>ParameterMembership</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-140].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ViewRenderingMembership>
- **Summary:** ViewRenderingMembershipShape
- **Description:** A `ViewRenderingMembership` is a `FeatureMembership` that identifies the `viewRendering` of a `ViewDefinition` or `ViewUsage`.

#### ViewRenderingMembership Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> ..
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>memberElement</b> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <b>memberElement</b> becomes a member due to this <b>Membership</b> ..
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <b>memberElement</b> relative to the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <b>memberElement</b> in the <b>membershipOwningNamespace</b> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <b>membershipOwningNamespace</b> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <b>elementId</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>name</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <b>shortName</b> of the <b>ownedMemberElement</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:viewRenderingMembership_OwnedRendering</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The owned <code>RenderingUsage</code> that is either itself the <code>referencedRendering</code> or subsets the <code>referencedRendering</code> .
<code>oslc_sysmlv2:viewRenderingMembership_ReferencedRendering</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsage</code> that is referenced through this <code>ViewRenderingMembership</code> . It is the <code>referencedFeature</code> of the <code>ownedReferenceSubsetting</code> for the <code>ownedRendering</code> , if there is one, and, otherwise, the <code>ownedRendering</code> itself.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-141].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Import>
- **Summary:** ImportShape
- **Description:** An `Import` is an `Relationship` between its `importOwningNamespace` and either a `Membership` (for a `MembershipImport`) or another `Namespace` (for a `NamespaceImport`), which determines a set of `Memberships` that become `importedMemberships` of the `importOwningNamespace`. If `isImportAll = false` (the default), then only public `Memberships` are considered "visible". If `isImportAll = true`, then all `Memberships` are considered "visible", regardless of their declared `visibility`. If `isRecursive = true`, then visible `Memberships` are also recursively imported from owned sub-Namespaces.

Import Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.



Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported Element for this Import. For a <code>MembershipImport</code> , this is the <code>memberElement</code> of the <code>importedMembership</code> . For a <code>NamespaceImport</code> , it is the <code>importedNamespace</code> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace into which Memberships are imported by this Import, which must be the <code>owningRelatedElement</code> of the Import.
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import memberships without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import Memberships from visible, owned sub-Namespaces.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this Import relative to the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-142].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Behavior>
- **Summary:** BehaviorShape
- **Description:** A **Behavior** coordinates occurrences of other **Behaviors**, as well as changes in objects. **Behaviors** can be decomposed into **Steps** and be characterized by **parameters**.

## Behavior Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-143].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Expose>
- **Summary:** ExposeShape
- **Description:** An **Expose** is an **Import** of **Memberships** into a **ViewUsage** that provide the **Elements** to be included in a view. Visibility is always ignored for an **Expose** (i.e., `isImportAll = true`).

### Expose Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:import_ImportedElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The effectively imported <b>Element</b> for this <b>Import</b> . For a <b>MembershipImport</b> , this is the <b>memberElement</b> of the <b>importedMembership</b> . For a <b>NamespaceImport</b> , it is the <b>importedNamespace</b> .
<code>oslc_sysmlv2:import_ImportOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> into which <b>Memberships</b> are imported by this <b>Import</b> , which must be the <b>owningRelatedElement</b> of the <b>Import</b> .
<code>oslc_sysmlv2:import_IsImportAll</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to import <b>memberships</b> without regard to declared visibility.
<code>oslc_sysmlv2:import_IsRecursive</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether to recursively import <b>Memberships</b> from visible, owned sub-Namespaces.
<code>oslc_sysmlv2:import_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	The visibility level of the imported <b>members</b> from this <b>Import</b> relative to the <b>importOwningNamespace</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-144].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#RequirementUsage>



- **Summary:** RequirementUsageShape
- **Description:** A **RequirementUsage** is a **Usage** of a **RequirementDefinition**.

**RequirementUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <b>Predicate</b> that is the type of this <b>ConstraintUsage</b> . Nominally, this will be a <b>ConstraintDefinition</b> , but other kinds of <b>Predicates</b> are also allowed, to permit use of <b>Predicates</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this <code>Expression</code> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Expression</code> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementUsage_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementUsage</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementUsage_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementUsage</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementUsage</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementUsage</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = requirement</b> .
<code>oslc_sysmlv2:requirementUsage_RequirementDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementDefinition</code>	The <b>RequirementDefinition</b> that is the single <b>definition</b> of this <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent stakeholders for the requirement.
<code>oslc_sysmlv2:requirementUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementUsage</b> that represents its subject.
<code>oslc_sysmlv2:requirementUsage_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <b>RequirementUsage</b> , derived from the <b>bodies of the documentation of the RequirementUsage..</b>
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-145].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#CaseUsage>
- **Summary:** CaseUsageShape
- **Description:** A `CaseUsage` is a `Usage` of a `CaseDefinition`.

CaseUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:calculationUsage_CalculationDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that is the <b>type</b> of this <b>CalculationUsage</b> . Nominally, this would be a <b>CalculationDefinition</b> , but a kernel <b>Function</b> is also allowed, to permit use of <b>Functions</b> from the Kernel Model Libraries..
<code>oslc_sysmlv2:caseUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>CaseUsage</b> that represent actors involved in the case.
<code>oslc_sysmlv2:caseUsage_CaseDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:CaseDefinition</code>	The <b>CaseDefinition</b> that is the type of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsage</b> representing the objective of this <b>CaseUsage</b> .
<code>oslc_sysmlv2:caseUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>CaseUsage</b> that represents its subject.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <code>Function</code> that types this <code>Expression</code> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Expression</code> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout..</code>



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>&gt;AttributeUsages</code> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-146].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#OwningMembership>
- **Summary:** OwningMembershipShape
- **Description:** An **OwningMembership** is a **Membership** that owns its **memberElement** as a **ownedRelatedElement**. The **ownedMemberElement** becomes an **ownedMember** of the **membershipOwningNamespace**.

OwningMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

Standards Track Work Product

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <code>membershipOwningNamespace</code> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> of which the <code>memberElement</code> becomes a <b>member</b> due to this <b>Membership</b> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <b>Membership</b> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <b>Namespace</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes an <b>ownedMember</b> of the <code>membershipOwningNamespace</code> due to this <b>OwningMembership</b> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-147].

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Function>
- **Summary:** FunctionShape
- **Description:** A **Function** is a **Behavior** that has an **out parameter** that is identified as its **result**. A **Function** represents the performance of a calculation that produces the values of its **result parameter**. This calculation may be decomposed into **Expressions** that are **steps** of the **Function**.

### Function Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
dcterms:type	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
jazz_am:derives	Zero-or-many	false	Resource	Reference	oslc:Any	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
jazz_am:elaborates	Zero-or-many	false	Resource	Reference	oslc:Any	This resource elaborates the referenced resource.
jazz_am:external	Zero-or-many	false	Resource	Reference	oslc:Any	A generic link from a resource to an external web page.
jazz_am:refine	Zero-or-many	false	Resource	Reference	oslc:Any	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
jazz_am:satisfy	Zero-or-many	false	Resource	Reference	oslc:Any	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
jazz_am:trace	Zero-or-many	false	Resource	Reference	oslc:Any	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
oslc_sysmlv2:behavior_Parameter	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Feature	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
oslc_sysmlv2:behavior_Step	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Step	The <b>Steps</b> that make up this <b>Behavior</b> .
oslc_sysmlv2:classifier_OwnedSubclassification	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Subclassification	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
oslc_sysmlv2:element_AliasIds	Zero-or-many	false	unspecified	Either	xsd:string	Various alternative identifiers for this Element. Generally, these will be set by tools.
oslc_sysmlv2:element_DeclaredName	Zero-or-one	false	unspecified	Either	xsd:string	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> that are <code>steps</code> in the calculation of the <code>result</code> of this Function.
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Function can be used as the <code>function</code> of a model-level evaluable <code>InvocationExpression</code> . Certain Functions from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other Functions it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>result parameter</code> of the Function, which is owned by the Function via a <code>ReturnParameterMembership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout</code> .
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-148].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Redefinition>
- **Summary:** `RedefinitionShape`
- **Description:** `Redefinition` is a kind of `Subsetting` that requires the `redefinedFeature` and the `redefiningFeature` to have the same values (on each instance of the domain of the `redefiningFeature`). This means any restrictions on the `redefiningFeature`, such as `type` or `multiplicity`, also apply to the `redefinedFeature` (on each instance of the domain of the `redefiningFeature`), and vice versa. The `redefinedFeature` might have values for instances of the domain of the `redefiningFeature`, but only as instances of the domain of the `redefinedFeature` that happen to also be instances of the domain of the `redefiningFeature`. This is supported by the constraints inherited from `Subsetting` on the domains of the `redefiningFeature` and `redefinedFeature`. However, these constraints are narrowed for `Redefinition` to require the `owningTypes` of the `redefiningFeature` and `redefinedFeature` to be different and the `redefinedFeature` to not be inherited into the `owningNamespace` of the `redefiningFeature`. This enables the `redefiningFeature` to have the same name as the `redefinedFeature`, if desired.

### Redefinition Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:redefinition_RedefinedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is redefined by the <code>redefiningFeature</code> of this <code>Redefinition</code> .
<code>oslc_sysmlv2:redefinition_RedefiningFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is redefining the <code>redefinedFeature</code> of this <code>Redefinition</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <code>Elements</code> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>specific Type</code> of this <code>Specialization</code> and owns it as its <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>Type</code> with a subset of all instances of the <code>general Type</code> , which might be the same set.
<code>oslc_sysmlv2:subsetting_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <code>subsettingFeature</code> that is also the <code>owningRelatedElement</code> of this <code>Subsetting</code> .
<code>oslc_sysmlv2:subsetting_SubsettedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>Feature</code> that is subsetted by the <code>subsettingFeature</code> of this <code>Subsetting</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:subsetting_SubsettingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is a subset of the <b>subsettingFeature</b> of this <b>Subsetting</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-149].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#AnalysisCaseDefinition>
- **Summary:** AnalysisCaseDefinitionShape
- **Description:** An **AnalysisCaseDefinition** is a **CaseDefinition** for the case of carrying out an analysis.

#### AnalysisCaseDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionDefinition_Action</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>steps</code> in this <code>ActionDefinition</code> , which define the actions that specify the behavior of the <code>ActionDefinition</code> .
<code>oslc_sysmlv2:analysisCaseDefinition_AnalysisAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The composite <code>actions</code> of the <code>AnalysisCaseDefinition</code> that are defined as <code>AnalysisActions</code> .
<code>oslc_sysmlv2:analysisCaseDefinition_ResultExpression</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	An <code>Expression</code> used to compute the <code>result</code> of the <code>AnalysisCaseDefinition</code> , owned via a <code>ResultExpressionMembership</code> .
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <code>Behavior</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Behavior</code> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <code>Steps</code> that make up this <code>Behavior</code> .
<code>oslc_sysmlv2:calculationDefinition_Calculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>actions</code> of this <code>CalculationDefinition</code> that are <code>CalculationUsages</code> .
<code>oslc_sysmlv2:caseDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>parameters</code> of this <code>CaseDefinition</code> that represent actors involved in the case.
<code>oslc_sysmlv2:caseDefinition_ObjectiveRequirement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsage</code> representing the objective of this <code>CaseDefinition</code> .
<code>oslc_sysmlv2:caseDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>parameter</code> of this <code>CaseDefinition</code> that represents its subject.
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>AttributeUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>EnumerationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <b>TransitionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>ownedFeatures</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <b>UseCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <b>VerificationCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <b>ViewUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, the there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expressions</code> that are <code>steps</code> in the calculation of the <code>result</code> of this Function.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <code>isModelLevelEvaluable = true</code> . For all other <b>Functions</b> it is <code>false</code> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.

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<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout</b> .



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<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-150].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Unioning>
- **Summary:** UnioningShape
- **Description:** Unioning is a Relationship that makes its `unioningType` one of the `unioningTypes` of its `typeUnioned`.

#### Unioning Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:unioning_TypeUnioned</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Type</code> with interpretations partly determined by <code>unioningType</code> , as described in <code>Type::unioningType</code> .
<code>oslc_sysmlv2:unioning_UnioningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Type</code> that partly determines interpretations of <code>typeUnioned</code> , as described in <code>Type::unioningType</code> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-151].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#SuccessionFlowConnectionUsage>
- **Summary:** SuccessionFlowConnectionUsageShape
- **Description:** A `SuccessionFlowConnectionUsage` is a `FlowConnectionUsage` that is also a `SuccessionItemFlow`.

SuccessionFlowConnectionUsage Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connectionUsage_ConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AssociationStructure</code>	The <b>AssociationStructures</b> that are the types of this <b>ConnectionUsage</b> . Nominally, these are , but other kinds of Kernel <b>AssociationStructures</b> are also allowed, to permit use of <b>AssociationStructures</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <code>relatedFeature</code> for this <code>Connector</code> . It is the first <code>relatedFeature</code> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <code>relatedFeatures</code> for this <code>Connector</code> . This includes all the <code>relatedFeatures</code> other than the <code>sourceFeature</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied <code>Relationships</code> have been included in the <code>ownedRelationships</code> of this <code>Element</code> . This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such <code>Relationships</code> are actually implied for this <code>Element</code> . However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied <code>Relationships</code> . That is, either <i>all</i> required implied <code>Relationships</code> must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Element</code> is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:flowConnectionUsage_FlowConnectionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <code>Interactions</code> that are the <code>types</code> of this <code>FlowConnectionUsage</code> . Nominally, these are <code>FlowConnectionDefinitions</code> , but other kinds of Kernel <code>Interactions</code> are also allowed, to permit use of <code>Interactions</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:itemFlow_Interaction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Interaction</code>	The <code>Interactions</code> that type this <code>ItemFlow</code> . <code>Interactions</code> are both <code>Associations</code> and <code>Behaviors</code> , which can type <code>Connectors</code> and <code>Steps</code> , respectively.
<code>oslc_sysmlv2:itemFlow_ItemFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ItemFeature</code>	The <code>ownedFeature</code> of the <code>ItemFlow</code> that is an <code>ItemFeature</code> (if any).
<code>oslc_sysmlv2:itemFlow_ItemFlowEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemFlowEnd</code>	The <code>connectorEnds</code> of this <code>ItemFlow</code> that are <code>ItemFlowEnds</code> .

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<code>oslc_sysmlv2:itemFlow_ItemType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The type of values transferred, which is the <b>type</b> of the <b>itemFeature</b> of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemFlow_SourceOutputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that provides the items carried by the <b>ItemFlow</b> . It must be an owned <b>output</b> of the <b>source</b> of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemFlow_TargetInputFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that receives the values carried by the <b>ItemFlow</b> . It must be an owned <b>output</b> of the target participant of the <b>ItemFlow</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this <b>ItemUsage</b> . Nominally, these are <b>ItemDefinitions</b> , but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .

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<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <b>itemDefinitions</b> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElement</b> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <b>source</b> and <b>target</b> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>relatedElements</b> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .



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<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:succession_EffectStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that represent occurrences that are side effects of the <b>transitionStep</b> occurring.
<code>oslc_sysmlv2:succession_GuardExpression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	<b>Expressions</b> that must evaluate to true before the <b>transitionStep</b> can occur.
<code>oslc_sysmlv2:succession_TransitionStep</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	A <b>Step</b> that is typed by the <b>Behavior TransitionPerformances::TransitionPerformance</b> (from the Kernel Semantic Library) that has this <b>Succession</b> as its <b>transitionLink</b> .
<code>oslc_sysmlv2:succession_TriggerStep</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	<b>Steps</b> that map incoming events to the timing of occurrences of the <b>transitionStep</b> . The values of <b>triggerStep</b> subset the list of acceptable events to be received by a <b>Behavior</b> or the object that performs it.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the <code>Types</code> derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this <code>Type</code> . For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <code>Type</code> must also be instances of at least one of its specialized <code>Types</code> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <code>Type</code> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <code>Type</code> must be classified by the <code>Type</code> .

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<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out</b> or <b>inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2&gt;Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The code>AttributeUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this Usage. Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The code>EnumerationUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-152].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Namespace>
- **Summary:** NamespaceShape
- **Description:** A **Namespace** is an **Element** that contains other **Elements**, known as its **members**, via **Membership Relationships** with those **Elements**. The **members** of a **Namespace** may be owned by the **Namespace**, aliased in the **Namespace**, or imported into the **Namespace** via **Import Relationships**.

#### Namespace Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this <b>Element</b> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <b>Element</b> . This is intended to be set by tooling, and it must not change during the lifetime of the <b>Element</b> .
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this <b>Element</b> . This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this <b>Element</b> . However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Element</b> is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this <b>Element</b> is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member Elements of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-153].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Dependency>
- **Summary:** DependencyShape
- **Description:** A **Dependency** is a **Relationship** that indicates that one or more **client Elements** require one more **supplier Elements** for their complete specification. In general, this means that a change to one of the **supplier Elements** may necessitate a change to, or re-specification of, the **client Elements**.

Dependency Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:dependency_Client</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> or <b>Elements</b> dependent on the <b>supplier Elements</b> .
<code>oslc_sysmlv2:dependency_Supplier</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> or <b>Elements</b> on which the <b>client Elements</b> depend in some respect.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-154].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#OccurrenceDefinition>
- **Summary:** OccurrenceDefinitionShape
- **Description:** An **OccurrenceDefinition** is a **Definition** of a **Class** of individuals that have an independent life over time and potentially an extent over space. This includes both structural things and behaviors that act on such structures.

#### OccurrenceDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>EnumerationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <b>FlowConnectionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, the there must be no <code>variants</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> owned by this <code>Element</code> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <code>Element</code> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationships</code> for which this <code>Element</code> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <code>Element</code> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <code>Relationship</code> for which this <code>Element</code> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespace</code> s from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All features of this Type with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this Type.
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for features of this Type, which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this Type that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this Type via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the Type.
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All features related to this Type by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a Type with <code>intersectingTypes</code> are asserted to be those in common among the <code>intersectingTypes</code> , which are the Types derived from the <code>intersectingType</code> of the <code>ownedIntersectings</code> of this Type. For example, a <code>Classifier</code> might be an intersection of <code>Classifiers</code> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <code>Feature</code> for their children and a <code>Classifier</code> for people of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this Type must also be instances of at least one of its specialized Types.
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this Type has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this Type must be classified by the Type.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-155].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ForLoopActionUsage>
- **Summary:** ForLoopActionUsageShape
- **Description:** A **ForLoopActionUsage** is a **LoopActionUsage** that specifies that its **bodyAction ActionUsage** should be performed once for each value, in order, from the sequence of values obtained as the result of the **seqArgument Expression**, with the **loopVariable** set to the value for each iteration.

#### ForLoopActionUsage Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <code>chainingFeatures</code> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <code>chainingFeatures</code> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <code>FeatureDirectionKind</code> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <code>EndFeatureMembership</code> in which the <b>Feature</b> is an <code>ownedMemberFeature</code> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <code>featuringTypes</code> of its <code>typeFeaturings</code> . If the <b>Feature</b> is chained, then the <code>featuringTypes</code> of the first <b>Feature</b> in the chain are also <code>featuringTypes</code> of the chained <b>Feature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:forLoopActionUsage_LoopVariable</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ownedFeature</code> of this <code>ForLoopActionUsage</code> that acts as the loop variable, which is assigned the successive values of the input sequence on each iteration. It is the <code>ownedFeature</code> that redefines <code>ForLoopAction::var..</code>
<code>oslc_sysmlv2:forLoopActionUsage_SeqArgument</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <code>Expression</code> whose result provides the sequence of values to which the <code>loopVariable</code> is set for each iterative performance of the <code>bodyAction</code> . It is the <code>Expression</code> whose <code>result</code> is bound to the <code>seq input parameter</code> of this <code>ForLoopActionUsage</code> .
<code>oslc_sysmlv2:loopActionUsage_BodyAction</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsage</code> to be performed repeatedly by the <code>LoopActionUsage</code> . It is the second <code>parameter</code> of the <code>LoopActionUsage</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <code>occurrenceDefinition</code> that has <code>isIndividual = true</code> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceUsage</code> represents the usage of the specific individual (or portion of it) represented by its <code>individualDefinition</code> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <code>Classes</code> that are the types of this <code>OccurrenceUsage</code> . Nominally, these are <code>OccurrenceDefinitions</code> , but other kinds of kernel <code>Classes</code> are also allowed, to permit use of <code>Classes</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <code>occurrenceDefinition</code> represented by this <code>OccurrenceUsage</code> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <code>Behaviors</code> that type this <code>Step</code> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>parameters</code> of this <code>Step</code> , which are defined as its <code>directedFeatures</code> , whose values are passed into and/or out of a performance of the <code>Step</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-156].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#MetadataFeature>
- **Summary:** MetadataFeatureShape
- **Description:** A `MetadataFeature` is a `Feature` that is an `AnnotatingElement` used to annotate another `Element` with metadata. It is typed by a `MetaClass`. All its `ownedFeatures` must redefine `features` of its `metaClass` and any feature bindings must be model-level evaluable.

MetadataFeature Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:annotatingElement_AnnotatedElement</code>	One-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are annotated by this <b>AnnotatingElement</b> . If <b>annotation</b> is not empty, these are the <b>annotatedElements</b> of the <b>annotations</b> . If <b>annotation</b> is empty, then it is the <b>owningNamespace</b> of the <b>AnnotatingElement</b> .
<code>oslc_sysmlv2:annotatingElement_Annotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>Annotations</b> that relate this <b>AnnotatingElement</b> to its <b>annotatedElements</b> .
<code>oslc_sysmlv2:annotatingElement_OwnedAnnotatingRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>AnnotatingElement</b> that are <b>Annotations</b> , for which this <b>AnnotatingElement</b> is the <b>annotatingElement</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:metadataFeature_Metaclass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Metaclass</code>	The <b>type</b> of this <b>MetadataFeature</b> , which must be a <b>Metaclass</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <b>Type</b> that is a <code>Multiplicity</code> , which constraints the cardinality of the <b>Type</b> . If there is no such <code>ownedMember</code> , then the cardinality of this <b>Type</b> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <b>Type</b> for which the <b>Type</b> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Differencings</code> , having this <b>Type</b> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Disjoinings</code> , for which the <b>Type</b> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <b>Type</b> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> , for which the <b>Type</b> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Intersectings</code> , have the <b>Type</b> as their <code>typeIntersected</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-157].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ObjectiveMembership>
- **Summary:** ObjectiveMembershipShape
- **Description:** An **ObjectiveMembership** is a **FeatureMembership** that indicates that its **ownedObjectiveRequirement** is the objective **RequirementUsage** for its **owningType**, which must be a **CaseDefinition** or **CaseUsage**.

## ObjectiveMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that this <b>FeatureMembership</b> relates to its <b>owningType</b> , making it an <b>ownedFeature</b> of the <b>owningType</b> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that owns this <b>FeatureMembership</b> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is featured by the <b>featuringType</b> .
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that features the <b>featureOfType</b> .
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Element</b> that becomes a <b>member</b> of the <b>membershipOwningNamespace</b> due to this <b>Membership</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:objectiveMembership_OwnedObjectiveRequirement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsage</code> that is the <code>ownedMemberFeature</code> of this <code>RequirementUsage</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Relationship</code> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this <code>Relationship</code> that are owned by the <code>Relationship</code> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this <code>Relationship</code> that owns the <code>Relationship</code> , if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Elements</code> that are related by this <code>Relationship</code> , derived as the union of the <code>source</code> and <code>target</code> <code>Elements</code> of the <code>Relationship</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-158].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Feature>
- **Summary:** FeatureShape
- **Description:** A **Feature** is a **Type** that classifies relations between multiple things (in the universe). The domain of the relation is the intersection of the `featuringTypes` of the **Feature**. (The domain of a **Feature** with no `featuringTypes` is implicitly the most general `Type Base: :Anything` from the Kernel Semantic Library.) The co-domain of the relation is the intersection of the `types` of the **Feature**.

Feature Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .



Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <code>Type</code> that is a <code>Multiplicity</code> , which constrains the cardinality of the <code>Type</code> . If there is no such <code>ownedMember</code> , then the cardinality of this <code>Type</code> is constrained by all the <code>Multiplicity</code> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <code>Type</code> for which the <code>Type</code> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Differencings</code> , having this <code>Type</code> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-159].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#EnumerationDefinition>
- **Summary:** EnumerationDefinitionShape
- **Description:** An **EnumerationDefinition** is an **AttributeDefinition** all of whose instances are given by an explicit list of **enumeratedValues**. This is realized by requiring that the **EnumerationDefinition** have **isVariation = true**, with the **enumeratedValues** being its **variants**.

#### EnumerationDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Definition</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Definition</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Definition</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this Definition. Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this <code>Element</code> . This is intended to be set by tooling, and it must not change during the lifetime of the <code>Element</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:enumerationDefinition_EnumeratedValue</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	<b>EnumerationUsages</b> of this <b>EnumerationDefinition</b> that have distinct, fixed values. Each <code>enumeratedValue</code> specifies one of the allowed instances of the <b>EnumerationDefinition</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> inherited by this <code>Type</code> via <code>Specialization</code> or <code>Conjugation</code> . These are included in the derived union for the <code>memberships</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <code>Type</code> by <code>FeatureMemberships</code> that have <code>direction in or inout..</code>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-160].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ActionUsage>
- **Summary:** ActionUsageShape
- **Description:** An **ActionUsage** is a **Usage** that is also a **Step**, and, so, is typed by a **Behavior**. Nominally, if the type is an **ActionDefinition**, an **ActionUsage** is a **Usage** of that **ActionDefinition** within a system. However, other kinds of kernel **Behaviors** are also allowed, to permit use of **Behaviors** from the Kernel Model Libraries.

ActionUsage Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:actionUsage_ActionDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that are the <b>types</b> of this <b>ActionUsage</b> . Nominally, these would be <b>ActionDefinitions</b> , but other kinds of Kernel <b>Behaviors</b> are also allowed, to permit use of <b>Behaviors</b> from the Kernel Model Libraries.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typedifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typedisjoined Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>&gt;FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-161].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Disjoining>
- **Summary:** DisjoiningShape
- **Description:** A **Disjoining** is a **Relationship** between **Types** asserted to have interpretations that are not shared (disjoint) between them, identified as **typeDisjoined** and **disjoiningType**. For example, a **Classifier** for mammals is disjoint from a **Classifier** for minerals, and a **Feature** for people's parents is disjoint from a **Feature** for their children.

Disjoining Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:disjoining_DisjoiningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Type</b> asserted to be disjoint with the <code>typeDisjoined</code> .
<code>oslc_sysmlv2:disjoining_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <code>typeDisjoined</code> that is also an <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:disjoining_TypeDisjoined</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Type</b> asserted to be disjoint with the <code>disjoiningType</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

Standards Track Work Product

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-162].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Association>
- **Summary:** AssociationShape
- **Description:** An **Association** is a **Relationship** and a **Classifier** to enable classification of links between things (in the universe). The co-domains (**types**) of the **associationEnd Features** are the **relatedTypes**, as co-domain and participants (linked things) of an **Association** identify each other.

#### Association Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).



Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:association_AssociationEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of the <b>Association</b> that identify the things that can be related by it. A concrete <b>Association</b> must have at least two <b>associationEnds</b> . When it has exactly two, the <b>Association</b> is called a <i>binary Association</i> .
<code>oslc_sysmlv2:association_RelatedType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>types</b> of the <b>associationEnds</b> of the <b>Association</b> , which are the <b>relatedElements</b> of the <b>Association</b> considered as a <b>Relationship</b> .
<code>oslc_sysmlv2:association_SourceType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The source <b>relatedType</b> for this <b>Association</b> . It is the first <b>relatedType</b> of the <b>Association</b> .
<code>oslc_sysmlv2:association_TargetType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The target <b>relatedTypes</b> for this <b>Association</b> . This includes all the <b>relatedTypes</b> other than the <b>sourceType</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are <code>Annotations</code> , for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <code>ownedImports</code> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <code>memberElements</code> of all <code>memberships</code> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <b>Namespace</b> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <code>membershipOwningNamespace</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-163].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#PartUsage>
- **Summary:** PartUsageShape
- **Description:** A **PartUsage** is a usage of a **PartDefinition** to represent a system or a part of a system. At least one of the **itemDefinitions** of the **PartUsage** must be a **PartDefinition**.

**PartUsage Properties**

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<b>jazz_am:elaborates</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	This resource elaborates the referenced resource.
<b>jazz_am:external</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	A generic link from a resource to an external web page.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its <b>featuring</b> instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:itemUsage_ItemDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Structure</code>	The Structures that are the <b>definitions</b> of this ItemUsage. Nominally, these are ItemDefinitions, but other kinds of Kernel Structures are also allowed, to permit use of Structures from the Kernel Library.
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:partUsage_PartDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartDefinition</code>	The <b>itemDefinitions</b> of this PartUsage that are PartDefinitions.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout..</b>
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <b>Classifiers</b> that are the types of this <b>Usage</b> . Nominally, these are <b>Definitions</b> , but other kinds of Kernel <b>Classifiers</b> are also allowed, to permit use of <b>Classifiers</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Usage</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is a referential <b>Usage</b> , that is, it has <b>isComposite = false</b> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usage</b> in which this <b>Usage</b> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Usage</b> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Usage</b> as a variation point <b>Usage</b> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <b>variants</b> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Usage</b> that are <b>VariantMemberships</b> . If <code>isVariation = true</code> , then this must be all <b>memberships</b> of the <b>Usage</b> . If <code>isVariation = false</code> , then <b>variantMembership</b> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-164].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Multiplicity>
- **Summary:** MultiplicityShape
- **Description:** A **Multiplicity** is a **Feature** whose co-domain is a set of natural numbers giving the allowed cardinalities of each **typeWithMultiplicity**. The **cardinality** of a **Type** is defined as follows, depending on whether the **Type** is a **Classifier** or **Feature**.

## Multiplicity Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Unionings</b> , having the <b>Type</b> as their <b>typeUnioned</b> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>unioningTypes</b> are asserted to be the same as those of all the <b>unioningTypes</b> together, which are the <b>Types</b> derived from the <b>unioningType</b> of the <b>ownedUnionings</b> of this <b>Type</b> . For example, a <b>Classifier</b> for people might be the union of <b>Classifiers</b> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-165].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConcernDefinition>
- **Summary:** ConcernDefinitionShape
- **Description:** A **ConcernDefinition** is a **RequirementDefinition** that one or more stakeholders may be interested in having addressed. These stakeholders are identified by the **ownedStakeholders** of the **ConcernDefinition**.

#### ConcernDefinition Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:behavior_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The parameters of this <b>Behavior</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Behavior</b> .
<code>oslc_sysmlv2:behavior_Step</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Step</code>	The <b>Steps</b> that make up this <b>Behavior</b> .
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
<code>oslc_sysmlv2:definition_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
<code>oslc_sysmlv2:definition_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:definition_OwnedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this Definition. Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this Definition.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this Definition.
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this Definition.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <b>ViewUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <b>ViewpointUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> that are <b>features</b> of this <b>Definition</b> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>Usages</b> which represent the variants of this <b>Definition</b> as a variation point <b>Definition</b> , if <b>isVariation</b> = true. If <b>isVariation</b> = false, there must be no <b>variants</b> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <b>ownedMemberships</b> of this <b>Definition</b> that are <b>VariantMemberships</b> . If <b>isVariation</b> = true, then this must be all <b>ownedMemberships</b> of the <b>Definition</b> . If <b>isVariation</b> = false, then <b>variantMembership</b> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this Element.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:function_Expression</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Expression</code>	The <b>Expressions</b> that are <b>steps</b> in the calculation of the <b>result</b> of this <b>Function</b> .
<code>oslc_sysmlv2:function_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Function</b> can be used as the <b>function</b> of a model-level evaluable <b>InvocationExpression</b> . Certain <b>Functions</b> from the Kernel Functions Library are considered to have <b>isModelLevelEvaluable = true</b> . For all other <b>Functions</b> it is <b>false</b> .
<code>oslc_sysmlv2:function_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>result parameter</b> of the <b>Function</b> , which is owned by the <b>Function</b> via a <b>ReturnParameterMembership</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceDefinition</b> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <b>isIndividual</b> is true, a <b>LifeClass</b> that specializes this <b>OccurrenceDefinition</b> , restricting it to represent an individual.
<code>oslc_sysmlv2:requirementDefinition_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementDefinition</b> that represent actors involved in the requirement.
<code>oslc_sysmlv2:requirementDefinition_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementDefinition</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementDefinition</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementDefinition_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementDefinition</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementDefinition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:requirementDefinition_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <code>RequirementDefinition</code> (used, e.g., to link it to an original requirement text in some source document), which is the <code>declaredShortName</code> for the <code>RequirementDefinition</code> .
<code>oslc_sysmlv2:requirementDefinition_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <code>ConstraintUsages</code> that represent requirements of this <code>RequirementDefinition</code> , derived as the <code>ownedConstraints</code> of the <code>RequirementConstraintMemberships</code> of the <code>RequirementDefinition</code> with <code>kind = requirement</code> .
<code>oslc_sysmlv2:requirementDefinition_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>parameters</code> of this <code>RequirementDefinition</code> that represent stakeholders for th requirement.
<code>oslc_sysmlv2:requirementDefinition_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>parameter</code> of this <code>RequirementDefinition</code> that represents its subject.
<code>oslc_sysmlv2:requirementDefinition_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <code>RequirementDefinition</code> , derived from the <code>bodies</code> of the <code>documentation</code> of the <code>RequirementDefinition</code> .
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <code>direction in or inout..</code>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constraints the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>ownedFeatureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>ownedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> , for which the <b>Type</b> is the <b>owningType</b> . Each such <b>FeatureMembership</b> identifies an <b>ownedFeature</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Intersectings</b> , have the <b>Type</b> as their <b>typeIntersected</b> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Specializations</b> , for which the <b>Type</b> is the <b>specific Type</b> .



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-166].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConcernUsage>
- **Summary:** ConcernUsageShape

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- **Description:** A **ConcernUsage** is a **Usage** of a **ConcernDefinition**.

**ConcernUsage Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<b>dcterms:contributor</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:created</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<b>dcterms:creator</b>	Zero-or-many	false	AnyResource	Either	<b>oslc:Any</b>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<b>dcterms:description</b>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<b>dcterms:identifier</b>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<b>dcterms:modified</b>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<b>dcterms:source</b>	Zero-or-one	false	Resource	Reference	<b>oslc:Any</b>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<b>dcterms:title</b>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<b>dcterms:type</b>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<b>jazz_am:derives</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<b>jazz_am:elaborates</b>	Zero-or-many	false	Resource	Reference	<b>oslc:Any</b>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:booleanExpression_Predicate</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The <b>Predicate</b> that types this <b>BooleanExpression</b> .
<code>oslc_sysmlv2:concernUsage_ConcernDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ConcernDefinition</code>	The <b>ConcernDefinition</b> that is the single type of this <b>ConcernUsage</b> .
<code>oslc_sysmlv2:constraintUsage_ConstraintDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Predicate</code>	The (single) <b>Predicate</b> that is the type of this <b>ConstraintUsage</b> . Nominally, this will be a <b>ConstraintDefinition</b> , but other kinds of <b>Predicates</b> are also allowed, to permit use of <b>Predicates</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <b>Element</b> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <b>Documentation</b> owned by this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveShortName()</b> operation. By default, it is the same as the <b>declaredShortName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>shortName</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:expression_Function</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Function</code>	The <b>Function</b> that types this <b>Expression</b> .
<code>oslc_sysmlv2:expression_IsModelLevelEvaluable</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Expression</b> meets the constraints necessary to be evaluated at <i>model level</i> , that is, using metadata within the model.
<code>oslc_sysmlv2:expression_Result</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that are chained together to determine the values of this <b>Feature</b> , derived from the <b>chainingFeatures</b> of the <b>ownedFeatureChainings</b> of this <b>Feature</b> , in the same order. The values of a <b>Feature</b> with <b>chainingFeatures</b> are the same as values of the last <b>Feature</b> in the chain, which can be found by starting with the values of the first <b>Feature</b> (for each instance of the domain of the original <b>Feature</b> ), then using each of those as domain instances to find the values of the second <b>Feature</b> in <b>chainingFeatures</b> , and so on, to values of the last <b>Feature</b> .
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this <b>Feature</b> are determined or used (as specified for the <b>FeatureDirectionKind</b> ).
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <b>ownedSubsettings</b> of this <b>Feature</b> that are <b>Redefinitions</b> , for which the <b>Feature</b> is the <b>redefiningFeature</b> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <b>ownedSubsetting</b> of this <b>Feature</b> , if any, that is a <b>ReferenceSubsetting</b> , for which the <b>Feature</b> is the <b>referencingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>Subsettings</b> , for which the <b>Feature</b> is the <b>subsettingFeature</b> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>TypeFeaturings</b> and for which the <b>Feature</b> is the <b>featureOfType</b> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <b>ownedSpecializations</b> of this <b>Feature</b> that are <b>FeatureTypings</b> , for which the <b>Feature</b> is the <b>typedFeature</b> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMembership</b> that owns this <b>Feature</b> as an <b>ownedMemberFeature</b> , determining its <b>owningType</b> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <b>owningType</b> of the <b>owningFeatureMembership</b> of this <b>Feature</b> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that restrict the values of this <b>Feature</b> , such that the values must be instances of all the <b>types</b> . The types of a <b>Feature</b> are derived from its <b>typings</b> and the <b>types</b> of its <b>subsettings</b> . If the <b>Feature</b> is chained, then the <b>types</b> of the last <b>Feature</b> in the chain are also <b>types</b> of the chained <b>Feature</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .
<code>oslc_sysmlv2:occurrenceUsage_IndividualDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceDefinition</code>	The at most one <b>occurrenceDefinition</b> that has <b>isIndividual = true</b> .
<code>oslc_sysmlv2:occurrenceUsage_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>OccurrenceUsage</b> represents the usage of the specific individual (or portion of it) represented by its <b>individualDefinition</b> .
<code>oslc_sysmlv2:occurrenceUsage_OccurrenceDefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Class</code>	The <b>Classes</b> that are the types of this <b>OccurrenceUsage</b> . Nominally, these are <b>OccurrenceDefinitions</b> , but other kinds of kernel <b>Classes</b> are also allowed, to permit use of <b>Classes</b> from the Kernel Model Libraries.
<code>oslc_sysmlv2:occurrenceUsage_PortionKind</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:PortionKind</code>	The kind of (temporal) portion of the life of the <b>occurrenceDefinition</b> represented by this <b>OccurrenceUsage</b> , if it is so restricted.
<code>oslc_sysmlv2:requirementUsage_ActorParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent actors involved in the requirement.



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<code>oslc_sysmlv2:requirementUsage_AssumedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent assumptions of this <b>RequirementUsage</b> , derived as the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = assumption</b> .
<code>oslc_sysmlv2:requirementUsage_FramedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> framed by this <b>RequirementUsage</b> , which are the <b>ownedConcerns</b> of all <b>FramedConcernMemberships</b> of the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_ReqId</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional modeler-specified identifier for this <b>RequirementUsage</b> (used, e.g., to link it to an original requirement text in some source document), which is the <b>declaredShortName</b> for the <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_RequiredConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The owned <b>ConstraintUsages</b> that represent requirements of this <b>RequirementUsage</b> , which are the <b>ownedConstraints</b> of the <b>RequirementConstraintMemberships</b> of the <b>RequirementUsage</b> with <b>kind = requirement</b> .
<code>oslc_sysmlv2:requirementUsage_RequirementDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:RequirementDefinition</code>	The <b>RequirementDefinition</b> that is the single <b>definition</b> of this <b>RequirementUsage</b> .
<code>oslc_sysmlv2:requirementUsage_StakeholderParameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>parameters</b> of this <b>RequirementUsage</b> that represent stakeholders for the requirement.
<code>oslc_sysmlv2:requirementUsage_SubjectParameter</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <b>parameter</b> of this <b>RequirementUsage</b> that represents its subject.
<code>oslc_sysmlv2:requirementUsage_Text</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	An optional textual statement of the requirement represented by this <b>RequirementUsage</b> , derived from the <b>bodies of the documentation of the RequirementUsage..</b>
<code>oslc_sysmlv2:step_Behavior</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Behavior</code>	The <b>Behaviors</b> that type this <b>Step</b> .
<code>oslc_sysmlv2:step_Parameter</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>parameters</b> of this <b>Step</b> , which are defined as its <b>directedFeatures</b> , whose values are passed into and/or out of a performance of the <b>Step</b> .

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<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction</b> in or inout..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <b>Usage</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Usage</b> must be <b>VariantMemberships</b> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <b>ActionUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <b>AllocationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <b>AnalysisCaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <b>code&gt;AttributeUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <b>CalculationUsage</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <b>CaseUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <b>ConcernUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <b>ConnectorAsUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> . Note that this list includes <b>BindingConnectorAsUsages</b> and <b>SuccessionAsUsages</b> , even though these are <b>ConnectorAsUsages</b> but not <b>ConnectionUsages</b> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <b>ConstraintUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <b>code&gt;EnumerationUsages</b> that are <b>nestedUsages</b> of this <b>Usage</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The code>FlowConnectionUsages that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <b>InterfaceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <b>ItemUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <b>MetadataUsages</b> that are <b>nestedUsages</b> of this of this Usage.
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <b>OccurrenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <b>PartUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <b>PortUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <b>ReferenceUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <b>RenderingUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <b>RequirementUsages</b> that are <b>nestedUsages</b> of this Usage.
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <b>StateUsages</b> that are <b>nestedUsages</b> of this Usage.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-167].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Classifier>
- **Summary:** ClassifierShape
- **Description:** A `Classifier` is a `Type` that classifies:.

Classifier Properties

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:classifier_OwnedSubclassification</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subclassification</code>	The <code>ownedSpecializations</code> of this <code>Classifier</code> that are <code>Subclassifications</code> , for which this <code>Classifier</code> is the <code>subclassifier</code> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> owned by this <b>Element</b> , derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this <b>Element</b> .
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationships</b> for which this <b>Element</b> is the <b>owningRelatedElement</b> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this <b>Element</b> , derived as the <b>owningRelatedElement</b> of the <b>owningRelationship</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <b>owningRelationship</b> of this <b>Element</b> , if that <b>Relationship</b> is a <b>Membership</b> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <b>Namespace</b> that owns this <b>Element</b> , which is the <b>membershipOwningNamespace</b> of the <b>owningMembership</b> of this <b>Element</b> , if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The <b>Relationship</b> for which this <b>Element</b> is an <b>ownedRelatedElement</b> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <b>qualifiedName</b> is null if this <b>Element</b> has no <b>owningNamespace</b> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>Memberships</b> in this <b>Namespace</b> that result from the <b>ownedImports</b> of this <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <b>Elements</b> of this <b>Namespace</b> , which are the <b>memberElements</b> of all <b>memberships</b> of the <b>Namespace</b> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> in this <b>Namespace</b> , including (at least) the union of <b>ownedMemberships</b> and <b>importedMemberships</b> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Imports</b> , for which the <b>Namespace</b> is the <b>importOwningNamespace</b> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <b>members</b> of this <b>Namespace</b> , which are the <b>ownedMemberElements</b> of the <b>ownedMemberships</b> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <b>ownedRelationships</b> of this <b>Namespace</b> that are <b>Memberships</b> , for which the <b>Namespace</b> is the <b>membershipOwningNamespace</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>differencingTypes</b> are asserted to be those of the first of those <b>Types</b> , but not including those of the remaining <b>Types</b> . For example, a <b>Classifier</b> might be the difference of a <b>Classifier</b> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <b>Classifier</b> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd</b> = <b>true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Disjoinings</b> , for which the <b>Type</b> is the <b>typeDisjoined Type</b> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>endFeatures</b> of this <b>Type</b> that are <b>ownedFeatures</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-168].

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ItemDefinition>
- **Summary:** ItemDefinitionShape
- **Description:** An `ItemDefinition` is an `OccurrenceDefinition` of the `Structure` of things that may themselves be systems or parts of systems, but may also be things that are acted on by a system or parts of a system, but which do not necessarily perform actions themselves. This includes items that can be exchanged between parts of a system, such as water or electrical signals.

#### ItemDefinition Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.



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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
dcterms:type	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
jazz_am:derives	Zero-or-many	false	Resource	Reference	oslc:Any	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
jazz_am:elaborates	Zero-or-many	false	Resource	Reference	oslc:Any	This resource elaborates the referenced resource.
jazz_am:external	Zero-or-many	false	Resource	Reference	oslc:Any	A generic link from a resource to an external web page.
jazz_am:refine	Zero-or-many	false	Resource	Reference	oslc:Any	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
jazz_am:satisfy	Zero-or-many	false	Resource	Reference	oslc:Any	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
jazz_am:trace	Zero-or-many	false	Resource	Reference	oslc:Any	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
oslc_sysmlv2:classifier_OwnedSubclassification	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Subclassification	The <b>ownedSpecializations</b> of this <b>Classifier</b> that are <b>Subclassifications</b> , for which this <b>Classifier</b> is the <b>subclassifier</b> .
oslc_sysmlv2:definition_DirectedUsage	Zero-or-many	false	Resource	Either	oslc_sysmlv2:Usage	The <b>usages</b> of this <b>Definition</b> that are <b>directedFeatures</b> .
oslc_sysmlv2:definition_IsVariation	Exactly-one	false	unspecified	Either	xsd:boolean	Whether this <b>Definition</b> is for a variation point or not. If true, then all the <b>memberships</b> of the <b>Definition</b> must be <b>VariantMemberships</b> .
oslc_sysmlv2:definition_OwnedAction	Zero-or-many	false	Resource	Either	oslc_sysmlv2:ActionUsage	The <b>ActionUsages</b> that are <b>ownedUsages</b> of this <b>Definition</b> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>AttributeUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:definition_OwnedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Definition</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:definition_OwnedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_OwnedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>ownedUsages</code> of this <code>Definition</code> .
<code>oslc_sysmlv2:definition_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Definition</code> (not necessarily owned).
<code>oslc_sysmlv2:definition_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Definition</code> as a variation point <code>Definition</code> , if <code>isVariation</code> = true. If <code>isVariation</code> = false, there must be no <code>variants</code> .
<code>oslc_sysmlv2:definition_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Definition</code> that are <code>VariantMemberships</code> . If <code>isVariation</code> = true, then this must be all <code>ownedMemberships</code> of the <code>Definition</code> . If <code>isVariation</code> = false, then <code>variantMembership</code> must be empty.
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this <code>Element</code> . Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <code>Element</code> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <code>Element</code> that is intended to be shorter or in some way more succinct than its primary <code>name</code> . It may act as a modeler-specified identifier for the <code>Element</code> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The <code>Documentation</code> owned by this <code>Element</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>name</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this <code>Element</code> that are <code>Annotations</code> , for which this <code>Element</code> is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this <code>Element</code> , if that <code>Relationship</code> is a <code>Membership</code> .
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> that owns this <code>Element</code> , which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this <code>Element</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <code>Element</code> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <code>Element</code> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <code>Namespaces</code> from a root <code>Namespace</code> to this <code>Element</code> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <code>Element</code> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <code>Elements</code> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this <code>Element</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:occurrenceDefinition_IsIndividual</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>OccurrenceDefinition</code> is constrained to represent single individual.
<code>oslc_sysmlv2:occurrenceDefinition_LifeClass</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:LifeClass</code>	If <code>isIndividual</code> is true, a <code>LifeClass</code> that specializes this <code>OccurrenceDefinition</code> , restricting it to represent an individual.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>features</code> of this <code>Type</code> that have a non-null <code>direction</code> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> of this <code>Type</code> with <code>isEnd = true</code> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>featureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMemberships</code> for <code>features</code> of this <code>Type</code> , which include all <code>ownedFeatureMemberships</code> and those <code>inheritedMemberships</code> that are <code>FeatureMemberships</code> (but does <i>not</i> include any <code>importedMemberships</code> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <code>memberFeatures</code> of the <code>inheritedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout</b> ..
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the Classifier for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <b>ownedConjugator</b> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <b>ownedMember</b> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <b>ownedMember</b> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction out or inout</b> ..
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <b>Conjugation</b> owned by this <b>Type</b> for which the <b>Type</b> is the <b>originalType</b> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <b>ownedRelationships</b> of this <b>Type</b> that are <b>Differencings</b> , having this <b>Type</b> as their <b>typeDifferenced</b> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Disjoinings</code> , for which the <code>Type</code> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <code>Type</code> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <code>Type</code> that are <code>FeatureMemberships</code> , for which the <code>Type</code> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <code>Type</code> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Intersectings</code> , have the <code>Type</code> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Specializations</code> , for which the <code>Type</code> is the <code>specific Type</code> .
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-169].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#StateSubactionMembership>
- **Summary:** StateSubactionMembershipShape
- **Description:** A `StateSubactionMembership` is a `FeatureMembership` for an entry, do or exit `ActionUsage` of a `StateDefinition` or `StateUsage`..

StateSubactionMembership Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:featureMembership_OwnedMemberFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature that this <code>FeatureMembership</code> relates to its <code>owningType</code> , making it an <code>ownedFeature</code> of the <code>owningType</code> .
<code>oslc_sysmlv2:featureMembership_OwningType</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The Type that owns this <code>FeatureMembership</code> .
<code>oslc_sysmlv2:featuring_Feature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature that is featured by the <code>featuringType</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:featuring_Type</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that features the <code>featureOfType..</code>
<code>oslc_sysmlv2:membership_MemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes a <code>member</code> of the <code>membershipOwningNamespace</code> due to this <code>Membership</code> .
<code>oslc_sysmlv2:membership_MemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>memberElement</code> .
<code>oslc_sysmlv2:membership_MemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_MembershipOwningNamespace</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The <code>Namespace</code> of which the <code>memberElement</code> becomes a member due to this <code>Membership..</code>
<code>oslc_sysmlv2:membership_MemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name of the <code>memberElement</code> relative to the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:membership_Visibility</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:VisibilityKind</code>	Whether or not the <code>Membership</code> of the <code>memberElement</code> in the <code>membershipOwningNamespace</code> is publicly visible outside that <code>Namespace</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElement</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>Element</code> that becomes an <code>ownedMember</code> of the <code>membershipOwningNamespace</code> due to this <code>OwningMembership</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The <code>elementId</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>name</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:owningMembership_OwnedMemberShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The <code>shortName</code> of the <code>ownedMemberElement</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Relationship</code> was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this <code>Relationship</code> that are owned by the <code>Relationship</code> .
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this <code>Relationship</code> that owns the <code>Relationship</code> , if any.

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:stateSubactionMembership_Action</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsage</code> that is the <code>ownedMemberFeature</code> of this <code>StateSubactionMembership</code> .
<code>oslc_sysmlv2:stateSubactionMembership_Kind</code>	Exactly-one	false	unspecified	Either	<code>oslc_sysmlv2:StateSubactionKind</code>	Whether this <code>StateSubactionMembership</code> is for an <code>entry</code> , <code>do</code> or <code>exit</code> <code>ActionUsage</code> ..
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-170].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#Subsetting>
- **Summary:** SubsettingShape

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- **Description:** *Subsetting* is *Specialization* in which the *specific* and *general Types* are *Features*. This means all values of the *subsettingFeature* (on instances of its domain, i.e., the intersection of its *featuringTypes*) are values of the *subsettingFeature* on instances of its domain. To support this the domain of the *subsettingFeature* must be the same or specialize (at least indirectly) the domain of the *subsettingFeature* (via *Specialization*), and the co-domain (intersection of the *types*) of the *subsettingFeature* must specialize the co-domain of the *subsettingFeature*.

**Subsetting Properties**

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <code>ownedRelationships</code> of this Element. This property may be true, even if there are not actually any <code>ownedRelationships</code> with <code>isImplied = true</code> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <code>ownedRelationships</code> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveName()</code> operation. By default, it is the same as the <code>declaredName</code> , but this is overridden for certain kinds of Elements to compute a name even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <code>ownedRelationships</code> of this Element that are Annotations, for which this Element is the <code>annotatedElement</code> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <code>ownedRelatedElements</code> of the <code>ownedRelationships</code> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <code>owningRelatedElement</code> .
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this <b>Element</b> , represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this <b>Element</b> has no <code>owningNamespace</code> or if there is not a complete ownership chain of named <b>Namespaces</b> from a root <b>Namespace</b> to this <b>Element</b> .
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this <b>Element</b> during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of <b>Elements</b> to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <b>TextualRepresentations</b> that annotate this <b>Element</b> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <b>Elements</b> that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> <b>Elements</b> of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:specialization_General</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <b>Type</b> with a superset of all instances of the <code>specific Type</code> , which might be the same set.
<code>oslc_sysmlv2:specialization_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is the <code>specific Type</code> of this <b>Specialization</b> and owns it as its <code>owningRelatedElement</code> .

Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:specialization_Specific</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	A <b>Type</b> with a subset of all instances of the <b>general Type</b> , which might be the same set.
<code>oslc_sysmlv2:subsetting_OwningFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	A <b>subsettingFeature</b> that is also the <b>owningRelatedElement</b> of this <b>Subsetting</b> .
<code>oslc_sysmlv2:subsetting_SubsettedFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is subsetted by the <b>subsettingFeature</b> of this <b>Subsetting</b> .
<code>oslc_sysmlv2:subsetting_SubsettingFeature</code>	Exactly-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Feature</b> that is a subset of the <b>subsettedFeature</b> of this <b>Subsetting</b> .
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-171].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

- **Describes:** <http://open-services.net/ns/sysmlv2#ConnectorAsUsage>
- **Summary:** ConnectorAsUsageShape
- **Description:** A **ConnectorAsUsage** is both a **Connector** and a **Usage**. **ConnectorAsUsage** cannot itself be instantiated in a SysML model, but it is the base class for the concrete classes **BindingConnectorAsUsage**, **SuccessionAsUsage** and **ConnectionUsage**.

### ConnectorAsUsage Properties

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>dcterms:contributor</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Contributor or contributors to the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:created</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of resource creation.
<code>dcterms:creator</code>	Zero-or-many	false	AnyResource	Either	<code>oslc:Any</code>	Creator or creators of the resource. It is likely that the target resource will be a foaf:Person but that is not necessarily the case.
<code>dcterms:description</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Descriptive text about resource represented as rich text in XHTML content.
<code>dcterms:identifier</code>	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Typically read-only and assigned by the service provider when a resource is created. Not typically intended for end-user display.
<code>dcterms:modified</code>	Zero-or-one	false	dateTime	N/A	Unspecified	Timestamp of latest resource modification.
<code>dcterms:source</code>	Zero-or-one	false	Resource	Reference	<code>oslc:Any</code>	The resource URI a client can perform a get on to obtain the original non-OSLC AM formatted resource that was used to create this resource. The source resource is usually a binary or proprietary format that the service provider can consume and convert into an OSLC AM format. The service may use content negotiation with the Accept header to obtain the desired content type.
<code>dcterms:title</code>	Exactly-one	false	XMLLiteral	N/A	Unspecified	Title of the resource represented as rich text in XHTML content.
<code>dcterms:type</code>	Zero-or-many	false	string	N/A	Unspecified	A short string representation for the type, for example 'Car'.
<code>jazz_am:derives</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The resource that derives from another resource originated from or is significantly influenced by the referenced resource. For example a model element derives from a requirement.
<code>jazz_am:elaborates</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	This resource elaborates the referenced resource.

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>jazz_am:external</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	A generic link from a resource to an external web page.
<code>jazz_am:refine</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The target is a refinement of the source. (e.g. a use case scenario might be a refinement of a textual requirement that describes the interaction).
<code>jazz_am:satisfy</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element satisfies the requirement (e.g. The use case satisfies a functional requirement).
<code>jazz_am:trace</code>	Zero-or-many	false	Resource	Reference	<code>oslc:Any</code>	The model element has a trace to the requirement (e.g. An attribute or its value are traced to a requirement).
<code>oslc_sysmlv2:connector_Association</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Association</code>	The <b>Associations</b> that type the <b>Connector</b> .
<code>oslc_sysmlv2:connector_ConnectorEnd</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>endFeatures</b> of a <b>Connector</b> , which redefine the <b>endFeatures</b> of the <b>associations</b> of the <b>Connector</b> . The <b>connectorEnds</b> determine via <b>ReferenceSubsetting Relationships</b> which <b>Features</b> are related by the <b>Connector</b> .
<code>oslc_sysmlv2:connector_RelatedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>Features</b> that are related by this <b>Connector</b> considered as a <b>Relationship</b> and that restrict the links it identifies, given by the referenced <b>Features</b> of the <b>connectorEnds</b> of the <b>Connector</b> .
<code>oslc_sysmlv2:connector_SourceFeature</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The source <b>relatedFeature</b> for this <b>Connector</b> . It is the first <b>relatedFeature</b> .
<code>oslc_sysmlv2:connector_TargetFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The target <b>relatedFeatures</b> for this <b>Connector</b> . This includes all the <b>relatedFeatures</b> other than the <b>sourceFeature</b> .
<code>oslc_sysmlv2:element_AliasIds</code>	Zero-or-many	false	unspecified	Either	<code>xsd:string</code>	Various alternative identifiers for this Element. Generally, these will be set by tools.
<code>oslc_sysmlv2:element_DeclaredName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The declared name of this <b>Element</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_DeclaredShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	An optional alternative name for the <b>Element</b> that is intended to be shorter or in some way more succinct than its primary <b>name</b> . It may act as a modeler-specified identifier for the <b>Element</b> , though it is then the responsibility of the modeler to maintain the uniqueness of this identifier within a model or relative to some other context.
<code>oslc_sysmlv2:element_Documentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Documentation</code>	The Documentation owned by this Element.
<code>oslc_sysmlv2:element_ElementId</code>	Exactly-one	false	unspecified	Either	<code>xsd:string</code>	The globally unique identifier for this Element. This is intended to be set by tooling, and it must not change during the lifetime of the Element.
<code>oslc_sysmlv2:element_IsImpliedIncluded</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all necessary implied Relationships have been included in the <b>ownedRelationships</b> of this Element. This property may be true, even if there are not actually any <b>ownedRelationships</b> with <b>isImplied = true</b> , meaning that no such Relationships are actually implied for this Element. However, if it is false, then <b>ownedRelationships</b> may <i>not</i> contain any implied Relationships. That is, either <i>all</i> required implied Relationships must be included, or none of them.
<code>oslc_sysmlv2:element_IsLibraryElement</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Element is contained in the ownership tree of a library model.
<code>oslc_sysmlv2:element_Name</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The name to be used for this <b>Element</b> during name resolution within its <b>owningNamespace</b> . This is derived using the <b>effectiveName()</b> operation. By default, it is the same as the <b>declaredName</b> , but this is overridden for certain kinds of <b>Elements</b> to compute a <b>name</b> even when the <b>declaredName</b> is null.
<code>oslc_sysmlv2:element_OwnedAnnotation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Annotation</code>	The <b>ownedRelationships</b> of this <b>Element</b> that are <b>Annotations</b> , for which this <b>Element</b> is the <b>annotatedElement</b> .
<code>oslc_sysmlv2:element_OwnedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements owned by this Element, derived as the <b>ownedRelatedElements</b> of the <b>ownedRelationships</b> of this Element.
<code>oslc_sysmlv2:element_OwnedRelationship</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationships for which this Element is the <b>owningRelatedElement</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:element_Owner</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owner of this Element, derived as the <code>owningRelatedElement</code> of the <code>owningRelationship</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:OwningMembership</code>	The <code>owningRelationship</code> of this Element, if that Relationship is a Membership.
<code>oslc_sysmlv2:element_OwningNamespace</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Namespace</code>	The Namespace that owns this Element, which is the <code>membershipOwningNamespace</code> of the <code>owningMembership</code> of this Element, if any.
<code>oslc_sysmlv2:element_OwningRelationship</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Relationship</code>	The Relationship for which this Element is an <code>ownedRelatedElement</code> , if any.
<code>oslc_sysmlv2:element_QualifiedName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The full ownership-qualified name of this Element, represented in a form that is valid according to the KerML textual concrete syntax for qualified names (including use of unrestricted name notation and escaped characters, as necessary). The <code>qualifiedName</code> is null if this Element has no <code>owningNamespace</code> or if there is not a complete ownership chain of named Namespaces from a root Namespace to this Element.
<code>oslc_sysmlv2:element_ShortName</code>	Zero-or-one	false	unspecified	Either	<code>xsd:string</code>	The short name to be used for this Element during name resolution within its <code>owningNamespace</code> . This is derived using the <code>effectiveShortName()</code> operation. By default, it is the same as the <code>declaredShortName</code> , but this is overridden for certain kinds of Elements to compute a <code>shortName</code> even when the <code>declaredName</code> is null.
<code>oslc_sysmlv2:element_TextualRepresentation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TextualRepresentation</code>	The <code>TextualRepresentations</code> that annotate this Element.
<code>oslc_sysmlv2:feature_ChainingFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The Feature that are chained together to determine the values of this Feature, derived from the <code>chainingFeatures</code> of the <code>ownedFeatureChainings</code> of this Feature, in the same order. The values of a Feature with <code>chainingFeatures</code> are the same as values of the last Feature in the chain, which can be found by starting with the values of the first Feature (for each instance of the domain of the original Feature), then using each of those as domain instances to find the values of the second Feature in chainingFeatures, and so on, to values of the last Feature.
<code>oslc_sysmlv2:feature_Direction</code>	Zero-or-one	false	unspecified	Either	<code>oslc_sysmlv2:FeatureDirectionKind</code>	Indicates how values of this Feature are determined or used (as specified for the <code>FeatureDirectionKind</code> ).



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_EndOwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <b>Type</b> that is related to this <b>Feature</b> by an <b>EndFeatureMembership</b> in which the <b>Feature</b> is an <b>ownedMemberFeature</b> .
<code>oslc_sysmlv2:feature_FeaturingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<b>Types</b> that feature this <b>Feature</b> , such that any instance in the domain of the <b>Feature</b> must be classified by all of these <b>Types</b> , including at least all the <b>featuringTypes</b> of its <b>typeFeaturings</b> . If the <b>Feature</b> is chained, then the <b>featuringTypes</b> of the first <b>Feature</b> in the chain are also <b>featuringTypes</b> of the chained <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsComposite</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the <b>Feature</b> is a composite <b>feature</b> of its <b>featuringType</b> . If so, the values of the <b>Feature</b> cannot exist after its featuring instance no longer does.
<code>oslc_sysmlv2:feature_IsDerived</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can always be computed from the values of other <b>Features</b> .
<code>oslc_sysmlv2:feature_IsEnd</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not the this <b>Feature</b> is an end <b>Feature</b> , requiring a different interpretation of the <b>multiplicity</b> of the <b>Feature</b> .
<code>oslc_sysmlv2:feature_IsNonunique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	isNonunique.
<code>oslc_sysmlv2:feature_IsOrdered</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether an order exists for the values of this <b>Feature</b> or not.
<code>oslc_sysmlv2:feature_IsPortion</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> are contained in the space and time of instances of the domain of the <b>Feature</b> and represent the same thing as those instances.
<code>oslc_sysmlv2:feature_IsReadOnly</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether the values of this <b>Feature</b> can change over the lifetime of an instance of the domain.
<code>oslc_sysmlv2:feature_IsUnique</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether or not values for this <b>Feature</b> must have no duplicates or not.
<code>oslc_sysmlv2:feature_OwnedFeatureChaining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureChaining</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureChainings</b> , for which the <b>Feature</b> will be the <b>featureChained</b> .
<code>oslc_sysmlv2:feature_OwnedFeatureInverting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureInverting</code>	The <b>ownedRelationships</b> of this <b>Feature</b> that are <b>FeatureInvertings</b> and for which the <b>Feature</b> is the <b>featureInverted</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:feature_OwnedRedefinition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Redefinition</code>	The <code>ownedSubsettings</code> of this <code>Feature</code> that are <code>Redefinitions</code> , for which the <code>Feature</code> is the <code>redefiningFeature</code> .
<code>oslc_sysmlv2:feature_OwnedReferenceSubsetting</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:ReferenceSubsetting</code>	The one <code>ownedSubsetting</code> of this <code>Feature</code> , if any, that is a <code>ReferenceSubsetting</code> , for which the <code>Feature</code> is the <code>referencingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedSubsetting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Subsetting</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>Subsettings</code> , for which the <code>Feature</code> is the <code>subsettingFeature</code> .
<code>oslc_sysmlv2:feature_OwnedTypeFeaturing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TypeFeaturing</code>	The <code>ownedRelationships</code> of this <code>Feature</code> that are <code>TypeFeaturings</code> and for which the <code>Feature</code> is the <code>featureOfType</code> .
<code>oslc_sysmlv2:feature_OwnedTyping</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureTyping</code>	The <code>ownedSpecializations</code> of this <code>Feature</code> that are <code>FeatureTypings</code> , for which the <code>Feature</code> is the <code>typedFeature</code> .
<code>oslc_sysmlv2:feature_OwningFeatureMembership</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>FeatureMembership</code> that owns this <code>Feature</code> as an <code>ownedMemberFeature</code> , determining its <code>owningType</code> .
<code>oslc_sysmlv2:feature_OwningType</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The <code>Type</code> that is the <code>owningType</code> of the <code>owningFeatureMembership</code> of this <code>Feature</code> .
<code>oslc_sysmlv2:feature_Type</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	<code>Types</code> that restrict the values of this <code>Feature</code> , such that the values must be instances of all the <code>types</code> . The types of a <code>Feature</code> are derived from its <code>typings</code> and the <code>types</code> of its <code>subsettings</code> . If the <code>Feature</code> is chained, then the <code>types</code> of the last <code>Feature</code> in the chain are also <code>types</code> of the chained <code>Feature</code> .
<code>oslc_sysmlv2:namespace_ImportedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>Memberships</code> in this <code>Namespace</code> that result from the <code>ownedImports</code> of this <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Member</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The set of all member <code>Elements</code> of this <code>Namespace</code> , which are the <code>memberElements</code> of all <code>memberships</code> of the <code>Namespace</code> .
<code>oslc_sysmlv2:namespace_Membership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <code>Memberships</code> in this <code>Namespace</code> , including (at least) the union of <code>ownedMemberships</code> and <code>importedMemberships</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:namespace_OwnedImport</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Import</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Imports</code> , for which the <code>Namespace</code> is the <code>importOwningNamespace</code> .
<code>oslc_sysmlv2:namespace_OwnedMember</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The owned <code>members</code> of this <code>Namespace</code> , which are the <code>ownedMemberElements</code> of the <code>ownedMemberships</code> of the ..
<code>oslc_sysmlv2:namespace_OwnedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	The <code>ownedRelationships</code> of this <code>Namespace</code> that are <code>Memberships</code> , for which the <code>Namespace</code> is the <code>membershipOwningNamespace</code> .
<code>oslc_sysmlv2:relationship_IsImplied</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this Relationship was generated by tooling to meet semantic rules, rather than being directly created by a modeler.
<code>oslc_sysmlv2:relationship_OwnedRelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> of this Relationship that are owned by the Relationship.
<code>oslc_sysmlv2:relationship_OwningRelatedElement</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElement</code> of this Relationship that owns the Relationship, if any.
<code>oslc_sysmlv2:relationship_RelatedElement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The Elements that are related by this Relationship, derived as the union of the <code>source</code> and <code>target</code> Elements of the Relationship.
<code>oslc_sysmlv2:relationship_Source</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> from which this Relationship is considered to be directed..
<code>oslc_sysmlv2:relationship_Target</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Element</code>	The <code>relatedElements</code> to which this Relationship is considered to be directed.
<code>oslc_sysmlv2:type_DifferencingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>differencingTypes</code> are asserted to be those of the first of those <code>Types</code> , but not including those of the remaining <code>Types</code> . For example, a <code>Classifier</code> might be the difference of a <code>Classifier</code> for people and another for people of a particular nationality, leaving people who are not of that nationality. Similarly, a feature of people might be the difference between a feature for their children and a <code>Classifier</code> for people of a particular sex, identifying their children not of that sex (because the interpretations of the children <code>Feature</code> that identify those of that sex are also interpretations of the <code>Classifier</code> for that sex).

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_DirectedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>features</b> of this <b>Type</b> that have a non-null <b>direction</b> .
<code>oslc_sysmlv2:type_EndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> of this <b>Type</b> with <b>isEnd = true</b> .
<code>oslc_sysmlv2:type_Feature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <b>ownedMemberFeatures</b> of the <b>featureMemberships</b> of this <b>Type</b> .
<code>oslc_sysmlv2:type_FeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <b>FeatureMemberships</b> for <b>features</b> of this <b>Type</b> , which include all <b>ownedFeatureMemberships</b> and those <b>inheritedMemberships</b> that are <b>FeatureMemberships</b> (but does <i>not</i> include any <b>importedMemberships</b> ).
<code>oslc_sysmlv2:type_InheritedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All the <b>memberFeatures</b> of the <b>inheritedMemberships</b> of this <b>Type</b> that are <b>FeatureMemberships</b> .
<code>oslc_sysmlv2:type_InheritedMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Membership</code>	All <b>Memberships</b> inherited by this <b>Type</b> via <b>Specialization</b> or <b>Conjugation</b> . These are included in the derived union for the <b>memberships</b> of the <b>Type</b> .
<code>oslc_sysmlv2:type_Input</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <b>features</b> related to this <b>Type</b> by <b>FeatureMemberships</b> that have <b>direction in or inout..</b>
<code>oslc_sysmlv2:type_IntersectingType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <b>Type</b> with <b>intersectingTypes</b> are asserted to be those in common among the <b>intersectingTypes</b> , which are the <b>Types</b> derived from the <b>intersectingType</b> of the <b>ownedIntersectings</b> of this <b>Type</b> . For example, a <b>Classifier</b> might be an intersection of <b>Classifiers</b> for people of a particular sex and of a particular nationality. Similarly, a feature for people's children of a particular sex might be the intersection of a <b>Feature</b> for their children and a <b>Classifier</b> for people of that sex (because the interpretations of the children <b>Feature</b> that identify those of that sex are also interpretations of the <b>Classifier</b> for that sex).
<code>oslc_sysmlv2:type_IsAbstract</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether instances of this <b>Type</b> must also be instances of at least one of its specialized <b>Types</b> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_IsConjugated</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Indicates whether this <b>Type</b> has an <code>ownedConjugator</code> .
<code>oslc_sysmlv2:type_IsSufficient</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether all things that meet the classification conditions of this <b>Type</b> must be classified by the <b>Type</b> .
<code>oslc_sysmlv2:type_Multiplicity</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Multiplicity</code>	An <code>ownedMember</code> of this <b>Type</b> that is a <b>Multiplicity</b> , which constrains the cardinality of the <b>Type</b> . If there is no such <code>ownedMember</code> , then the cardinality of this <b>Type</b> is constrained by all the <b>Multiplicity</b> constraints applicable to any direct supertypes.
<code>oslc_sysmlv2:type_Output</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>features</code> related to this <b>Type</b> by <code>FeatureMemberships</code> that have <code>direction out or inout</code> .
<code>oslc_sysmlv2:type_OwnedConjugator</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Conjugation</code>	A <code>Conjugation</code> owned by this <b>Type</b> for which the <b>Type</b> is the <code>originalType</code> .
<code>oslc_sysmlv2:type_OwnedDifferencing</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Differencing</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Differencings</code> , having this <b>Type</b> as their <code>typeDifferenced</code> .
<code>oslc_sysmlv2:type_OwnedDisjoining</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Disjoining</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Disjoinings</code> , for which the <b>Type</b> is the <code>typeDisjoined Type</code> .
<code>oslc_sysmlv2:type_OwnedEndFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	All <code>endFeatures</code> of this <b>Type</b> that are <code>ownedFeatures</code> .
<code>oslc_sysmlv2:type_OwnedFeature</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Feature</code>	The <code>ownedMemberFeatures</code> of the <code>ownedFeatureMemberships</code> of this <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedFeatureMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FeatureMembership</code>	The <code>ownedMemberships</code> of this <b>Type</b> that are <code>FeatureMemberships</code> , for which the <b>Type</b> is the <code>owningType</code> . Each such <code>FeatureMembership</code> identifies an <code>ownedFeature</code> of the <b>Type</b> .
<code>oslc_sysmlv2:type_OwnedIntersecting</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Intersecting</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Intersectings</code> , have the <b>Type</b> as their <code>typeIntersected</code> .
<code>oslc_sysmlv2:type_OwnedSpecialization</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Specialization</code>	The <code>ownedRelationships</code> of this <b>Type</b> that are <code>Specializations</code> , for which the <b>Type</b> is the <code>specific Type</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:type_OwnedUnioning</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Unioning</code>	The <code>ownedRelationships</code> of this <code>Type</code> that are <code>Unionings</code> , having the <code>Type</code> as their <code>typeUnioned</code> .
<code>oslc_sysmlv2:type_UnioningType</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Type</code>	The interpretations of a <code>Type</code> with <code>unioningTypes</code> are asserted to be the same as those of all the <code>unioningTypes</code> together, which are the <code>Types</code> derived from the <code>unioningType</code> of the <code>ownedUnionings</code> of this <code>Type</code> . For example, a <code>Classifier</code> for people might be the union of <code>Classifiers</code> for all the sexes. Similarly, a feature for people's children might be the union of features dividing them in the same ways as people in general.
<code>oslc_sysmlv2:usage_Definition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Classifier</code>	The <code>Classifiers</code> that are the types of this <code>Usage</code> . Nominally, these are <code>Definitions</code> , but other kinds of Kernel <code>Classifiers</code> are also allowed, to permit use of <code>Classifiers</code> from the Kernel Model Libraries.
<code>oslc_sysmlv2:usage_DirectedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>usages</code> of this <code>Usage</code> that are <code>directedFeatures</code> .
<code>oslc_sysmlv2:usage_IsReference</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is a referential <code>Usage</code> , that is, it has <code>isComposite = false</code> .
<code>oslc_sysmlv2:usage_IsVariation</code>	Exactly-one	false	unspecified	Either	<code>xsd:boolean</code>	Whether this <code>Usage</code> is for a variation point or not. If true, then all the <code>memberships</code> of the <code>Usage</code> must be <code>VariantMemberships</code> .
<code>oslc_sysmlv2:usage_NestedAction</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ActionUsage</code>	The <code>ActionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAllocation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AllocationUsage</code>	The <code>AllocationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAnalysisCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AnalysisCaseUsage</code>	The <code>AnalysisCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedAttribute</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:AttributeUsage</code>	The <code>code&gt;AttributeUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefix Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedCalculation</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CalculationUsage</code>	The <code>CalculationUsage</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:CaseUsage</code>	The <code>CaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConcern</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConcernUsage</code>	The <code>ConcernUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedConnection</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConnectorAsUsage</code>	The <code>ConnectorAsUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> . Note that this list includes <code>BindingConnectorAsUsages</code> and <code>SuccessionAsUsages</code> , even though these are <code>ConnectorAsUsages</code> but not <code>ConnectionUsages</code> .
<code>oslc_sysmlv2:usage_NestedConstraint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ConstraintUsage</code>	The <code>ConstraintUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedEnumeration</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:EnumerationUsage</code>	The <code>EnumerationUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedFlow</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:FlowConnectionUsage</code>	The <code>FlowConnectionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedInterface</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:InterfaceUsage</code>	The <code>InterfaceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedItem</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ItemUsage</code>	The <code>ItemUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedMetadata</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:MetadataUsage</code>	The <code>MetadataUsages</code> that are <code>nestedUsages</code> of this of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedOccurrence</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:OccurrenceUsage</code>	The <code>OccurrenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .

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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedPart</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PartUsage</code>	The <code>PartUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedPort</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:PortUsage</code>	The <code>PortUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedReference</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ReferenceUsage</code>	The <code>ReferenceUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRendering</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RenderingUsage</code>	The <code>RenderingUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedRequirement</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:RequirementUsage</code>	The <code>RequirementUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedState</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:StateUsage</code>	The <code>StateUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedTransition</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:TransitionUsage</code>	The <code>TransitionUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUsage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>ownedFeatures</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedUseCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:UseCaseUsage</code>	The <code>UseCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedVerificationCase</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VerificationCaseUsage</code>	The <code>VerificationCaseUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_NestedView</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewUsage</code>	The <code>ViewUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .



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Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
<code>oslc_sysmlv2:usage_NestedViewpoint</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:ViewpointUsage</code>	The <code>ViewpointUsages</code> that are <code>nestedUsages</code> of this <code>Usage</code> .
<code>oslc_sysmlv2:usage_OwningDefinition</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Definition</code>	The <code>Definition</code> that owns this <code>Usage</code> (if any).
<code>oslc_sysmlv2:usage_OwningUsage</code>	Zero-or-one	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usage</code> in which this <code>Usage</code> is nested (if any).
<code>oslc_sysmlv2:usage_Usage</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> that are <code>features</code> of this <code>Usage</code> (not necessarily owned).
<code>oslc_sysmlv2:usage_Variant</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:Usage</code>	The <code>Usages</code> which represent the variants of this <code>Usage</code> as a variation point <code>Usage</code> , if <code>isVariation = true</code> . If <code>isVariation = false</code> , then there must be no <code>variants</code> .
<code>oslc_sysmlv2:usage_VariantMembership</code>	Zero-or-many	false	Resource	Either	<code>oslc_sysmlv2:VariantMembership</code>	The <code>ownedMemberships</code> of this <code>Usage</code> that are <code>VariantMemberships</code> . If <code>isVariation = true</code> , then this must be all <code>memberships</code> of the <code>Usage</code> . If <code>isVariation = false</code> , then <code>variantMembership</code> must be empty.
<code>oslc:instanceShape</code>	Zero-or-one	false	Resource	Reference	<code>oslc:ResourceShape</code>	The URI of a Resource Shape that describes the possible properties, occurrence, value types, allowed values and labels. This shape information is useful in displaying the subject resource as well as guiding clients in performing modifications. Instance shapes may be specific to the authenticated user associated with the request that retrieved the resource, the current state of the resource and other factors and thus should not be cached.
<code>oslc:serviceProvider</code>	Zero-or-many	false	Resource	Reference	<code>oslc:ServiceProvider</code>	A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from a service provider that implements multiple domain specifications, which could result in multiple values for this property.
<code>oslc:shortTitle</code>	Zero-or-one	false	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <code>&lt;span&gt;</code> element [sml-172].
<code>rdf:type</code>	Zero-or-many	false	Resource	Reference	<code>rdfs:Class</code>	The resource type URIs.

### 3. Conformance

OSLC SysML v2 servers **MUST** follow the constraints defined here where required, and with the meanings defined here.

OSLC SysML v2 servers **MAY** provide additional constraints for specific purposes.

Clause Number	Requirement
<a href="#">sml-172</a>	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. <b>SHOULD</b> include only content that is valid inside an XHTML <span> element