OSLC Change Management Version 3.0. Part 2: Vocabulary

Committee Specification 01

08 June 2018

Specification URIs

This version:
http://docs.oasis-open.org/oslc-domains/cm/v3.0/cs01/part2-change-mgt-vocab/cm-v3.0-cs01-part2-change-mgt-vocab.html (Authoritative)
http://docs.oasis-open.org/oslc-domains/cm/v3.0/cs01/part2-change-mgt-vocab/cm-v3.0-cs01-part2-change-mgt-vocab.pdf

Previous version:

Latest version:
http://docs.oasis-open.org/oslc-domains/cm/v3.0/cm-v3.0-part2-change-mgt-vocab.html (Authoritative)
http://docs.oasis-open.org/oslc-domains/cm/v3.0/cm-v3.0-part2-change-mgt-vocab.pdf

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

- *OSLC Change Management Version 3.0. Part 1: Specification.* http://docs.oasis-open.org/oslc-domains/cm/v3.0/cs01/part1-change-mgt/cm-v3.0-cs01-part1-change-mgt.html
- *OSLC Change Management Version 3.0. Part 2: Vocabulary (this document).* http://docs.oasis-open.org/oslc-domains/cm/v3.0/cs01/part2-change-mgt-vocab/cm-v3.0-cs01-part2-change-mgt-vocab.html

Related work:

This specification is related to:

- *Open Services for Lifecycle Collaboration Change Management Specification Version 2.0.* http://open-services.net/bin/view/Main/CmSpecificationV2

RDF Namespaces:

http://open-services.net/ns/cm#

Abstract:

This specification defines a vocabulary and resource shapes for the Change Management domain.

Status:

This document was last revised or approved by the OASIS OSLC Lifecycle Integration Domains TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=oslc-domains#technical.

TC members should send comments on this specification to the TC's email list. Others should send comments to the TC's public comment list oslc-domains@lists.oasis-open.org, after subscribing to it by following the instructions at the "Send A Comment" button on the TC's web page at https://www.oasis-open.org/committees/oslc-domains/.

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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.

Notices

Table of Contents

1. Introduction

This section is non-normative.

This specification defines a vocabulary and resource shapes for common Change Management resources. The intent is to define resources needed to support common integration scenarios and not to provide a comprehensive definition of a Change Request. The resource formats may not match exactly the native models supported by change management service providers, but are intended to be compatible with them. The approach to supporting these scenarios is to delegate operations, as driven by service provider contributed user interfaces, as much as possible and not require a service provider to expose its complete data model and application logic.
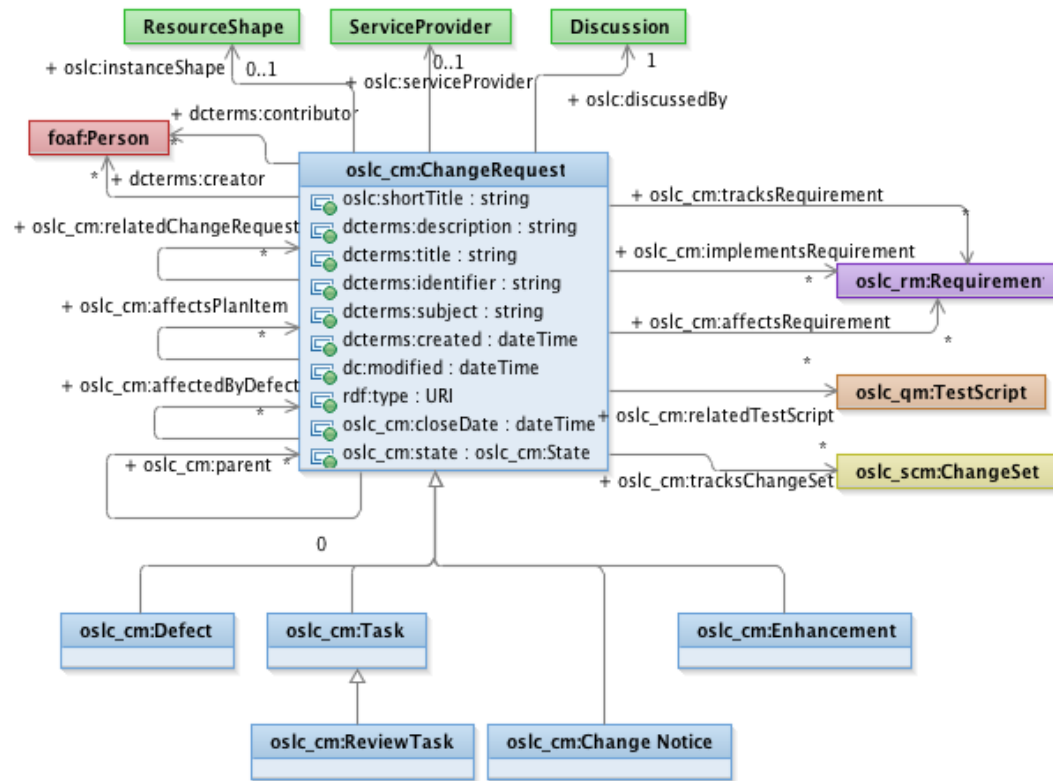
Fig. 1 OSLC Change Management 3.0 Overview

1.1 Terminology

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].

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*. June 2014. Proposed Standard. URL: https://tools.ietf.org/html/rfc7230

[LDP]
Steve Speicher; John Arwe; Ashok Malhotra. *Linked Data Platform 1.0*. 26 February 2015. W3C Recommendation. URL: https://www.w3.org/TR/ldp/

[OSLCCore3]

    Steve Speicher; Jim Amsden. *OSLC Core Overview v3.0*. Committee Specification. URL: http://docs.oasis-open.org/oslc-core/v3.0/oslc-core-v3.0-part1-overview.html

[RFC2119]

    S. Bradner. *Key words for use in RFCs to Indicate Requirement Levels*. March 1997. Best Current Practice. URL: https://tools.ietf.org/html/rfc2119

1.2.2 Informative references

[OSLCQM]

    Paul McMahan. *Open Services for Lifecycle Collaboration Quality Management Specification Version 2.0*. Final. URL: http://open-services.net/bin/view/Main/QmSpecificationV2

[OSLCRM]

    Ian Green. *Open Services for Lifecycle Collaboration Requirements Management Specification Version 2.0*. Final. URL: http://open-services.net/bin/view/Main/RmSpecificationV2

[WEBARCH]

    Ian Jacobs; Norman Walsh. *Architecture of the World Wide Web, Volume One*. 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, SHOULD, SHOULD NOT, RECOMMENDED, MAY, and OPTIONAL in this specification are to be interpreted as described in [RFC2119].

In addition to the namespace URIs and namespace prefixes `oslc`, `rdf`, `dcterms` and `foaf` defined in the OSLC Core specification, OSLC CM defines the namespace URI of `http://open-services.net/ns/cm#` with a namespace prefix of `oslc_cm`

This specification also uses these namespace prefix definitions:

- oslc_rm : `http://open-services.net/ns/rm#` [OSLCRM]
- oslc_qm : `http://open-services.net/ns/qm#` [OSLCQM]

2. Change Management Vocabulary Terms

This specification defines the ChangeRequest superclass, and a number of specific, commonly occurring subclasses, properties and values. Servers may define additional ChangeRequest subclasses and provide additional properties as needed.

2.1 Vocabulary Details

The namespace URI for this vocabulary is: `http://open-services.net/ns/cm#`

All vocabulary URIs defined in the OSLC Change Management (CM) namespace.

2.1.1 RDFS Classes in this namespace

ChangeNotice, ChangeRequest, Defect, Enhancement, Priority, ReviewTask, Severity, State, Task

2.1.2 RDF Properties in this namespace

affectedByDefect, affectsPlanItem, affectsRequirement, affectsTestResult, authorizer, blocksTestExecutionRecord, closeDate, implementsRequirement, parent, priority, relatedChangeRequest, relatedTestCase, relatedTestExecutionRecord, relatedTestPlan, relatedTestScript, severity, state, status, testedByTestCase, tracksChangeSet, tracksRequirement

2.1.3 ChangeNotice

http://open-services.net/ns/cm#ChangeNotice

ChangeNotice is an RDFS class.

Represents an assignment notification of a change request. May be used also to bestow authority onto the assigned user to effect the changes.

2.1.4 ChangeRequest

http://open-services.net/ns/cm#ChangeRequest

ChangeRequest is an RDFS class.

The CM Change Request resource.

2.1.5 Defect

http://open-services.net/ns/cm#Defect

Defect is an RDFS class.

A software or product defect.

2.1.6 Enhancement

http://open-services.net/ns/cm#Enhancement

Enhancement is an RDFS class.

A request for new functionality.

2.1.7 Priority

http://open-services.net/ns/cm#Priority

Priority is an RDFS class.

Defines the possible oslc_cm:priority property values.

2.1.8 ReviewTask

http://open-services.net/ns/cm#ReviewTask

ReviewTask is an RDFS class.

A request to make a change and review the change.

2.1.9 Severity

http://open-services.net/ns/cm#Severity

Severity is an RDFS class.

Defines the possible oslc_cm:severity property values.

2.1.10 State

http://open-services.net/ns/cm#State

State is an RDFS class.

Defines the possible oslc_cm:state property values.

2.1.11 Task

http://open-services.net/ns/cm#Task

Task is an RDFS class.

An executable and trackable activity.

2.1.12 affectedByDefect

http://open-services.net/ns/cm#affectedByDefect

affectedByDefect is an RDF property.

Change request is affected by a reported defect. It is likely that the target resource will be an oslc_cm:Defect.

2.1.13 affectsPlanItem

http://open-services.net/ns/cm#affectsPlanItem

affectsPlanItem is an RDF property.

Change request affects a plan item. It is likely that the target resource will be an oslc_cm:ChangeRequest.

2.1.14 affectsRequirement

http://open-services.net/ns/cm#affectsRequirement

affectsRequirement is an RDF property.

The ChangeRequest affects a Requirement. It is likely that the target resource will be an oslc_rm:Requirement.

affectsTestResult *(Archaic term)*

http://open-services.net/ns/cm#affectsTestResult

affectsTestResult is an RDF property.

Associated resource that is affected by this Change Request. It is likely that the target resource will be an oslc_qm:TestResult.

2.1.15 authorizer

http://open-services.net/ns/cm#authorizer

authorizer is an RDF property.

The URI of a resource describing an agent who is responsible authorizing for and/or has authorized effort to be expended to address a set of change requests.

blocksTestExecutionRecord *(Archaic term)*

http://open-services.net/ns/cm#blocksTestExecutionRecord

blocksTestExecutionRecord is an RDF property.

Associated resource that is blocked by this Change Request. It is likely that the target resource will be an oslc_qm:TestExecutionRecord.

2.1.16 closeDate

http://open-services.net/ns/cm#closeDate

closeDate is an RDF property.

The date at which no further activity or work is intended to be conducted.

2.1.17 implementsRequirement

http://open-services.net/ns/cm#implementsRequirement

implementsRequirement is an RDF property.

The ChangeRequest implements the associated Requirement. It is likely that the target resource will be an oslc_rm:Requirement.

2.1.18 parent

http://open-services.net/ns/cm#parent

parent is an RDF property.

The related parent change requests of the subject change request.

2.1.19 priority

http://open-services.net/ns/cm#priority

priority is an RDF property.

Used to indicate the relative importance of ChangeRequests. It is likely that the target resource will be an oslc_cm:Priority.

2.1.20 relatedChangeRequest

http://open-services.net/ns/cm#relatedChangeRequest

relatedChangeRequest is an RDF property.

This relationship is loosely coupled, has no specific meaning, and can be used to link related change requests. It is likely that the target resource will be an oslc_cm:ChangeRequest.

relatedTestCase *(Archaic term)*

http://open-services.net/ns/cm#relatedTestCase

relatedTestCase is an RDF property.

Related test case resource. It is likely that the target resource will be an oslc_qm:TestCase.

relatedTestExecutionRecord *(Archaic term)*

http://open-services.net/ns/cm#relatedTestExecutionRecord

relatedTestExecutionRecord is an RDF property.

Related to a test execution resource. It is likely that the target resource will be an oslc_qm:TestExecutionRecord.

relatedTestPlan *(Archaic term)*

http://open-services.net/ns/cm#relatedTestPlan

relatedTestPlan is an RDF property.

Related test plan resource. It is likely that the target resource will be an oslc_qm:TestPlan.

relatedTestScript *(Archaic term)*

http://open-services.net/ns/cm#relatedTestScript

relatedTestScript is an RDF property.

Related test script resource. It is likely that the target resource will be an oslc_qm:TestScript.

2.1.21 severity

http://open-services.net/ns/cm#severity

severity is an RDF property.

Used to indicate the severity or potential impact of a defect. It is likely that the target resource will be an oslc_cm:Severity.

2.1.22 state

http://open-services.net/ns/cm#state

state is an RDF property.

Used to indicate the status of the change request.

status *(Archaic term)*

http://open-services.net/ns/cm#status

status is an RDF property.

Used to indicate the status of the change request based on values defined by the service provider. Most often a read-only property. It is likely that the target resource will be a string corresponding to an oslc_cm:State value.

testedByTestCase *(Archaic term)*

http://open-services.net/ns/cm#testedByTestCase

testedByTestCase is an RDF property.

Test case by which this change request is tested. It is likely that the target resource will be an oslc_qm:TestCase.

2.1.23 tracksChangeSet

http://open-services.net/ns/cm#tracksChangeSet

tracksChangeSet is an RDF property.

Tracks a change set resource. It is likely that the target resource will be an oslc_config:ChangeSet.

2.1.24 tracksRequirement

http://open-services.net/ns/cm#tracksRequirement

tracksRequirement is an RDF property.

Tracks the associated Requirement or Requirement ChangeSet resources. It is likely that the target resource will be an oslc_rm:Requirement.

3. Change Management Resource Constraints

Property value types that are not defined in the following sections, are defined in [OSLC Core - Defining OSLC Properties](#)

Naming convention for relationship properties follows this pattern:

- **related** - Identifies a loose relationship between a Change Request and referenced resource. These relationships can be used to name associated resources managed by other service providers.
- **tracks** - Identifies that a Change Request is used to track the lifecycle of referenced resource. From the CM tool perspective, these relationships can be used to track work that needs to be done for referenced resources.
- **affects** - Indicates that the Change Request affects, or has been predetermined to have impact on, the related resource. These property relationships can be used to understand the potential impact of referenced resources.

3.1 Resource: ChangeRequest

The Change Request resource properties are not limited to the ones defined in this specification, service providers 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.

- **Name:** `ChangeRequest`
- **Type URI:** `http://open-services.net/ns/cm#ChangeRequest`
- **Summary:** A general type for records in a Change Management.

ChangeRequest Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
`dcterms:contributor`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).
`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the

case.

`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`dcterms:identifier`	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Assigned by the service provider when a resource is created. Not intended for end-user display.
`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	Title (reference: Dublin Core) or often a single line summary of the resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.

`oslc_cm:affectsPlanItem`	Zero-or-many	unspecified	Resource	Reference	Unspecified	Change request affects plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been approved.
`oslc_cm:authorizer`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Agent`	Agents who are responsible authorizing and/or has authorized effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.
`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
`oslc_cm:implementsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Implements associated Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
						Whether or not the Change Request in a

`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	state indicating that active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	The related parent change requests of the subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.
`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	Used to indicate the status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc_cm:tracksRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Tracks the associated Requirement or Requirement ChangeSet resources. It is likely that the target resource will be an `oslc_rm:Requirement`

						but that is not necessarily the case.
`oslc_cm:verified`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the resolution or fix of the Change Request has been verified.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-many	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to resource property value-types and allowed values.
`oslc:serviceProvider`	Zero-or-many	unspecified	Resource	Reference	`oslc:ServiceProvider`	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.
`oslc:shortTitle`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
`rdf:type`	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.2 Resource: ChangeNotice

- **Name:** `ChangeNotice`

- **Type URI:** `http://open-services.net/ns/cm#ChangeNotice`
- **Summary:** A notification of a change request that requires authorization to address.
- **Description:** Represents an assignment notification of a change request. May be used also to bestow authority onto the assigned user to effect the changes.

ChangeNotice Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
`dcterms:contributor`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).
`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`dcterms:identifier`	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Assigned by the service provider when a resource is created. Not intended for end-user display.

`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	Title (reference: Dublin Core) or often a single line summary of the resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.
`oslc_cm:affectsPlanItem`	Zero-or-many	unspecified	Resource	Reference	Unspecified	Change request affects plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been approved.
	Zero-					Agents who are responsible authorizing and/or has authorized

`oslc_cm:authorizer`	or-many	unspecified	AnyResource	Either	`foaf:Agent`	effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.
`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request in a state indicating that active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	The related parent change requests of the subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.
`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
	Zero-					

`oslc_cm:severity`	or-many	unspecified	AnyResource	Either	`oslc_cm:Severity`	Severity or criticality of this change request.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	Used to indicate the status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc_cm:verified`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the resolution or fix of the Change Request has been verified.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-many	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to resource property value-types and allowed values.
`oslc:serviceProvider`	Zero-or-many	unspecified	Resource	Reference	`oslc:ServiceProvider`	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.
						Short name identifying a resource, often used as

`oslc:shortTitle`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
`rdf:type`	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.3 Resource: Defect

A software or product defect. Used by Quality Management tools to report defects in testing.

- **Name:** `Defect`
- **Type URI:** `http://open-services.net/ns/cm#Defect`
- **Summary:** A software or product defect.
- **Description:** Used to report defects in testing.

Defect Properties

Prefixed Name	*Occurs*	*Read-only*	*Value-type*	*Representation*	*Range*	*Description*
`dcterms:contributor`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).
`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.

`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`dcterms:identifier`	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Assigned by the service provider when a resource is created. Not intended for end-user display.
`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	Title (reference: Dublin Core) or often a single line summary of the resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.
	Zero-					Change request affects

`oslc_cm:affectsPlanItem`	or-many	unspecified	Resource	Reference	Unspecified	plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been approved.
`oslc_cm:authorizer`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Agent`	Agents who are responsible authorizing and/or has authorized effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.
`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request in a state indicating that active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
						The related parent change requests of the

`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.
`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
`oslc_cm:severity`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Severity`	Severity or criticality of this change request.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	Used to indicate the status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc_cm:verified`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the resolution or fix of the Change Request has been verified.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
	many					resource property value-types and allowed values.
oslc:serviceProvider	Zero-or-many	unspecified	Resource	Reference	oslc:ServiceProvider	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.
oslc:shortTitle	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
rdf:type	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.4 Resource: Enhancement

- **Name:** Enhancement
- **Type URI:** http://open-services.net/ns/cm#Enhancement
- **Summary:** A request for new functionality.

Enhancement Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
dcterms:contributor	Zero-or-many	unspecified	AnyResource	Either	foaf:Person	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a

						`foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).
`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`dcterms:identifier`	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Assigned by the service provider when a resource is created. Not intended for end-user display.
`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
						Title (reference: Dublin Core) or often a single line summary of the resource represented as

`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.
`oslc_cm:affectsPlanItem`	Zero-or-many	unspecified	Resource	Reference	Unspecified	Change request affects plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been approved.
`oslc_cm:authorizer`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Agent`	Agents who are responsible authorizing and/or has authorized effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.

`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
`oslc_cm:implementsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Implements associated Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request in a state indicating that active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	The related parent change requests of the subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.
`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
						Used to indicate the

`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc_cm:verified`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the resolution or fix of the Change Request has been verified.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-many	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to resource property value-types and allowed values.
`oslc:serviceProvider`	Zero-or-many	unspecified	Resource	Reference	`oslc:ServiceProvider`	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.
`oslc:shortTitle`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
`rdf:type`	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.5 Resource: ReviewTask

- **Name:** `ReviewTask`
- **Type URI:** `http://open-services.net/ns/cm#ReviewTask`
- **Summary:** A request to make a changes and review the change.
- **Description:** A review task can be used to request and approve changes to requirements, test plans, test cases or other resources.

ReviewTask Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
`dcterms:contributor`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).
`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
	Exactly-					A unique identifier for a resource. Assigned by the service provider when

`dcterms:identifier`	one	true	string	N/A	Unspecified	a resource is created. Not intended for end-user display.
`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	Title (reference: Dublin Core) or often a single line summary of the resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.
`oslc_cm:affectsPlanItem`	Zero-or-many	unspecified	Resource	Reference	Unspecified	Change request affects plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has

						been approved.
`oslc_cm:authorizer`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Agent`	Agents who are responsible authorizing and/or has authorized effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.
`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request in a state indicating that active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	The related parent change requests of the subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.

`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	Used to indicate the status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc_cm:tracksRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Tracks the associated Requirement or Requirement ChangeSet resources. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:verified`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the resolution or fix of the Change Request has been verified.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-many	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to resource property value-types and allowed values.
	Zero-					A link to the resource's OSLC Service Provider. There may be cases when the subject resource is available from

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
`oslc:serviceProvider`	or-many	unspecified	Resource	Reference	`oslc:ServiceProvider`	a service provider that implements multiple domain specifications, which could result in multiple values for this property.
`oslc:shortTitle`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
`rdf:type`	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.6 Resource: Task

- **Name:** `Task`
- **Type URI:** `http://open-services.net/ns/cm#Task`
- **Summary:** An executable and trackable activity.
- **Description:** Used to track assigned work that to be completed within a certain time.

Task Properties

Prefixed Name	Occurs	Read-only	Value-type	Representation	Range	Description
`dcterms:contributor`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	The person(s) who are responsible for the work needed to complete the change request (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:created`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of resource creation (reference: Dublin Core).

`dcterms:creator`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Person`	Creator or creators of resource (reference: Dublin Core). It is likely that the target resource will be a `foaf:Person` but that is not necessarily the case.
`dcterms:description`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Descriptive text (reference: Dublin Core) about resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.
`dcterms:identifier`	Exactly-one	true	string	N/A	Unspecified	A unique identifier for a resource. Assigned by the service provider when a resource is created. Not intended for end-user display.
`dcterms:modified`	Zero-or-one	true	dateTime	N/A	Unspecified	Timestamp of latest resource modification (reference: Dublin Core).
`dcterms:subject`	Zero-or-many	unspecified	string	N/A	Unspecified	Tag or keyword for a resource. Each occurrence of a dcterms:subject property denotes an additional tag for the resource.
`dcterms:title`	Exactly-one	unspecified	XMLLiteral	N/A	Unspecified	Title (reference: Dublin Core) or often a single line summary of the resource represented as rich text in XHTML content. SHOULD include only content that is valid and suitable inside an XHTML <div> element.

`oslc_cm:affectedByDefect`	Zero-or-many	unspecified	Resource	Reference	`oslc_cm:Defect`	Change request is affected by a reported defect. It is likely that the target resource will be an `oslc_cm:Defect` but that is not necessarily the case.
`oslc_cm:affectsPlanItem`	Zero-or-many	unspecified	Resource	Reference	Unspecified	Change request affects plan item.
`oslc_cm:affectsRequirement`	Zero-or-many	unspecified	Resource	Reference	`oslc_rm:Requirement`	Change request affecting a Requirement. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.
`oslc_cm:approved`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been approved.
`oslc_cm:authorizer`	Zero-or-many	unspecified	AnyResource	Either	`foaf:Agent`	Agents who are responsible authorizing and/or has authorized effort to be expended to address a set of child change requests.
`oslc_cm:closed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request is completely done, no further fixes or fix verification is needed.
`oslc_cm:closeDate`	Zero-or-one	true	dateTime	N/A	Unspecified	The date at which no further activity or work is intended to be conducted.
`oslc_cm:fixed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been fixed.
						Whether or not the Change Request in a state indicating that

`oslc_cm:inProgress`	Zero-or-one	unspecified	boolean	N/A	Unspecified	active work is occurring. If oslc_cm:inProgress is true, then oslc_cm:fixed and oslc_cm:closed must also be false.
`oslc_cm:parent`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:ChangeRequest`	The related parent change requests of the subject change request. Establishes a parent/child relationship between change requests.
`oslc_cm:priority`	Zero-or-many	unspecified	AnyResource	Either	`oslc_cm:Priority`	Priority of this change request.
`oslc_cm:relatedChangeRequest`	Zero-or-many	unspecified	Resource	Reference	Unspecified	This relationship is loosely coupled and has no specific meaning.
`oslc_cm:reviewed`	Zero-or-one	unspecified	boolean	N/A	Unspecified	Whether or not the Change Request has been reviewed.
`oslc_cm:state`	Zero-or-one	unspecified	unspecified	Either	`oslc_cm:State`	Used to indicate the state of the change request. This property is often read-only, but could be changed using OSLC Actions.
`oslc_cm:status`	Zero-or-one	unspecified	string	N/A	Unspecified	Used to indicate the status of the change request. This property is often read-only.
`oslc_cm:tracksChangeSet`	Zero-or-many	unspecified	Resource	Reference	`oslc_config:ChangeSet`	Tracks a resource that represents a set of changes on the resource.
`oslc:discussedBy`	Zero-or-one	unspecified	AnyResource	Either	`oslc:Discussion`	A series of notes and comments about this change request.
`oslc:instanceShape`	Zero-or-many	unspecified	Resource	Reference	`oslc:ResourceShape`	Resource Shape that provides hints as to resource property value-

						types and allowed values.
`oslc:serviceProvider`	Zero-or-many	unspecified	Resource	Reference	`oslc:ServiceProvider`	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.
`oslc:shortTitle`	Zero-or-one	unspecified	XMLLiteral	N/A	Unspecified	Short name identifying a resource, often used as an abbreviated identifier for presentation to end-users. SHOULD include only content that is valid inside an XHTML <span> element.
`rdf:type`	Zero-or-many	unspecified	Resource	Reference	Unspecified	The resource type URIs, at least one of which should be oslc_cm:ChangeRequest.

3.7 Resource: Status

Defines a set of standard values for property oslc_cm:status.

- **Name:** `State`
- **Type URI** `http://open-services.net/ns/cm#State`

Range	Description
oslc_cm:Closed	Completely done, no further fixes or fix verification is needed.
oslc_cm:Inprogress	Active work is occurring.
oslc_cm:Fixed	The issue is resolved or fixed but the resolution or fix has not yet been verified.
oslc_cm:Approved	The resolution or fix is approved and can be delivered.
oslc_cm:Reviewed	The resolution or fix has been reviewed.
oslc_cm:Verified	The resolution or the fix is verified.

3.8 Resource: Priority

- **Name:** `Priority`
- **Type URI** `http://open-services.net/ns/cm#Priority`

Range	Description
oslc_cm:High	Highest priority, action on the change request highly recommended.
oslc_cm:Medium	Acting on the change request can wait, but not forever.
oslc_cm:Low	Action on the change request can be safely deferred.
oslc_cm:PriorityUnassigned	The priority of the change request is intentionally not set.

3.9 Resource: Severity

- **Name:** `Severity`
- **Type URI** `http://open-services.net/ns/cm#Severity`

NEEDS UPDATE: Improve descriptions.

Range	Description
oslc_cm:Blocker	Severe problem. No workaround. Blocks development, test, or usage.
oslc_cm:Critical	Severe problem. No workaround.
oslc_cm:Major	Prevents function from being used. There is a workaround.
oslc_cm:Normal	Affects non-critical functionality. There is a workaround.
oslc_cm:Minor	Minimal impact.
oslc_cm:SeverityUnassigned	Intentionally set blank.

- Providers **MAY** have custom oslc_cm:priority and oslc_cm:severity values.
- Providers **SHOULD** use skos:narrower when custom priority or severity values refine standard values.
- Providers **SHOULD NOT** use owl:sameAs when custom priority or severity values refine standard values.

Priority and severity example:

EXAMPLE 1

```
@prefix ex: <http://example.com/bugtracker> .
@prefix oslc: <http://open-services.net/ns/core#> .
@prefix oslc_cm: <http://open-services.net/ns/cm#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix skos: <http://www.w3.org/2004/02/skos/core> .

<http://example.com/bugs/2314>
    a oslc_cm:Defect ;
    dcterms:identifier "00002314" ;
```

```
    oslc:shortTitle "Bug 2314" ;
    dcterms:title "Invalid installation instructions" ;
    oslc_cm:priority oslc_cm:High ;
    oslc_cm:severity <http://example.com/enums#S1> .

<http://example.com/enums#S1>
    a oslc_cm:Severity;
    dcterms:title "Severe - HOT" ;
    skos:narrower oslc_cm:Critical ;
    ex:icon <http://example.com/severity/S1.gif>.
```

Appendix A. Change History

This section is non-normative.

Revision	Date	Editor	Changes Made
01	08/06/2018	Jim Amsden	Committee Specification revsion 01 published