

---

OSLC-qm

---

August 29, 2019

|   |          |
|---|----------|
| <b>1 OSLC-qm</b>                                    | <b>1</b> |
| <b>2 Module Documentation</b>                       | <b>2</b> |
| 2.1 Entities  | 2        |
| 2.1.0.1 ogit/OSLC-qm/TestScript                     | 2        |
| 2.1.0.2 ogit/OSLC-qm/TestResult                     | 2        |
| 2.1.0.3 ogit/OSLC-qm/TestCase                       | 2        |
| 2.1.0.4 ogit/OSLC-qm/TestPlan                       | 3        |
| 2.1.0.5 ogit/OSLC-qm/TestExecutionRecord            | 3        |
| 2.2 Verbs   | 4        |
| 2.2.0.1 ogit/OSLC-qm/producedByTestExecutionRecord  | 4        |
| 2.2.0.2 ogit/OSLC-qm/usesTestCase                   | 4        |
| 2.2.0.3 ogit/OSLC-qm/usesTestScript                 | 4        |
| 2.2.0.4 ogit/OSLC-qm/reportsOnTestPlan              | 4        |
| 2.2.0.5 ogit/OSLC-qm/relatedChangeRequest           | 5        |
| 2.2.0.6 ogit/OSLC-qm/testsChangeRequest             | 5        |
| 2.2.0.7 ogit/OSLC-qm/validatesRequirementCollection | 5        |
| 2.2.0.8 ogit/OSLC-qm/validatesRequirement           | 5        |
| 2.2.0.9 ogit/OSLC-qm/executesTestScript             | 6        |
| 2.2.0.10 ogit/OSLC-qm/executionInstructions         | 6        |
| 2.2.0.11 ogit/OSLC-qm/affectedByChangeRequest       | 6        |
| 2.2.0.12 ogit/OSLC-qm/runsTestCase                  | 6        |
| 2.2.0.13 ogit/OSLC-qm/blockedByChangeRequest        | 7        |
| 2.2.0.14 ogit/OSLC-qm/runsOnTestEnvironment         | 7        |
| 2.2.0.15 ogit/OSLC-qm/reportsOnTestCase             | 7        |

## Chapter 1

# OSLC-qm

OSLC is a collection of specifications for software integration. This module contains entities for *quality management*.

## Chapter 2

# Module Documentation

### 2.1 Entities

#### 2.1.0.1 ogit/OSLC-qm/TestScript

The QM Test Script resource

- id: <http://www.purl.org/ogit/OSLC-qm/TestScript>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- scope: NTO
- parent: ogit/Node

#### 2.1.0.2 ogit/OSLC-qm/TestResult

The QM Test Result resource

- id: <http://www.purl.org/ogit/OSLC-qm/TestResult>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- scope: NTO
- parent: ogit/Node

#### 2.1.0.3 ogit/OSLC-qm/TestCase

The QM Test Case resource

- id: <http://www.purl.org/ogit/OSLC-qm/TestCase>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- scope: NTO
- parent: ogit/Node

#### 2.1.0.4 ogit/OSLC-qm/TestPlan

The QM Test Plan resource

- id: <http://www.purl.org/ogit/OSLC-qm/TestPlan>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- scope: NTO
- parent: ogit/Node

#### 2.1.0.5 ogit/OSLC-qm/TestExecutionRecord

The QM Test Execution Record resource

- id: <http://www.purl.org/ogit/OSLC-qm/TestExecutionRecord>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- scope: NTO
- parent: ogit/Node

## 2.2 Verbs

### 2.2.0.1 ogit/OSLC-qm/producedByTestExecutionRecord

Test Execution Record that the Test Result was produced by. It is likely that the target resource will be an `oslc_qm:TestExecutionRecord` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/producedByTestExecutionRecord>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

### 2.2.0.2 ogit/OSLC-qm/usesTestCase

Test Case used by the Test Plan. It is likely that the target resource will be an `oslc_qm:TestCase` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/usesTestCase>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

### 2.2.0.3 ogit/OSLC-qm/usesTestScript

Test Script used by the Test Case. It is likely that the target resource will be an `oslc_qm:TestScript` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/usesTestScript>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

### 2.2.0.4 ogit/OSLC-qm/reportsOnTestPlan

Test Plan that the Test Execution Record reports on. It is likely that the target resource will be an `oslc_qm:TestPlan` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/reportsOnTestPlan>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

#### 2.2.0.5 ogit/OSLC-qm/relatedChangeRequest

A related change request. It is likely that the target resource will be an `oslc_cm:ChangeRequest` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/relatedChangeRequest>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

#### 2.2.0.6 ogit/OSLC-qm/testsChangeRequest

Change Request tested by the Test Case. It is likely that the target resource will be an `oslc_cm:ChangeRequest` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/testsChangeRequest>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

#### 2.2.0.7 ogit/OSLC-qm/validatesRequirementCollection

Requirement Collection that is validated by the Test Plan. It is likely that the target resource will be an `oslc_rm↔:RequirementCollection` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/validatesRequirementCollection>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

#### 2.2.0.8 ogit/OSLC-qm/validatesRequirement

Requirement that is validated by the Test Case. It is likely that the target resource will be an `oslc_rm:Requirement` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/validatesRequirement>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.9 ogit/OSLC-qm/executesTestScript**

Test Script executed to produce the Test Result. It is likely that the target resource will be an `oslc_qm:TestScript` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/executesTestScript>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.10 ogit/OSLC-qm/executionInstructions**

Instructions for executing the test script. Note that the value of Occurs is undefined. The resource shape document provided by the QM service provider may be consulted for its value.

- id: <http://www.purl.org/ogit/OSLC-qm/executionInstructions>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.11 ogit/OSLC-qm/affectedByChangeRequest**

Change request that affects the Test Result. It is likely that the target resource will be an `oslc_cm:ChangeRequest` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/affectedByChangeRequest>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.12 ogit/OSLC-qm/runsTestCase**

Test Case run by the Test Execution Record. It is likely that the target resource will be an `oslc_qm:TestCase` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/runsTestCase>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many



**2.2.0.13 ogit/OSLC-qm/blockedByChangeRequest**

Change Request that prevents execution of the Test Execution Record. It is likely that the target resource will be an `oslc_cm:ChangeRequest` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/blockedByChangeRequest>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.14 ogit/OSLC-qm/runsOnTestEnvironment**

Indicates the environment details of the test case for this execution record.

- id: <http://www.purl.org/ogit/OSLC-qm/runsOnTestEnvironment>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many

**2.2.0.15 ogit/OSLC-qm/reportsOnTestCase**

Test Case that the Test Result reports on. It is likely that the target resource will be an `oslc_qm:TestCase` but that is not necessarily the case.

- id: <http://www.purl.org/ogit/OSLC-qm/reportsOnTestCase>
- valid-from: Thu Sep 22 00:00:00 UTC 2016
- creator: OGIT Importer
- cardinality: many2many