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## Forum

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March 1, 2021

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## Chapter 1

# ogit/Forum

This NTO is pertains to generic web forum / social media. Heavily utilised by [TabTab](#)

## Chapter 2

# Module Documentation

### 2.1 Entities

#### 2.1.0.1 ogit/Forum/KnowledgeBundle

Deprecated in favor of `ogit/Automation/KnowledgeBundle`. A grouping of `ogit/Automation/↔ KnowledgeItems` into a package.

- id: <http://www.purl.org/ogit/Forum/KnowledgeBundle>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/name](#)
- optional:
  - [ogit/accessControl](#)

#### incoming edges

- [ogit/Forum/downloads](#) <= [ogit/Forum/Profile](#)
- [ogit/Forum/features](#) <= [ogit/Forum/Group](#)
- [ogit/Forum/rates](#) <= [ogit/Forum/Rating](#)
- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)

- `ogit/connects`  $\leq$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\leq$  `ogit/Forum/Post`
- `ogit/connects`  $\leq$  `ogit/Forum/Reply`
- `ogit/connects`  $\leq$  `ogit/Forum/WorkflowStep`
- `ogit/connects`  $\leq$  `ogit/Comment`
- `ogit/corresponds`  $\leq$  `ogit/Forum/Invite`
- `ogit/creates`  $\leq$  `ogit/Forum/Profile`
- `ogit/endorsees`  $\leq$  `ogit/Forum/Profile`
- `ogit/moderates`  $\leq$  `ogit/Forum/Profile`
- `ogit/owns`  $\leq$  `ogit/Forum/Group`
- `ogit/owns`  $\leq$  `ogit/Forum/Profile`
- `ogit/relates`  $\leq$  `ogit/Forum/FeedEntry`
- `ogit/relates`  $\leq$  `ogit/Forum/KnowledgeBundleHistory`
- `ogit/relates`  $\leq$  `ogit/Forum/Reply`
- `ogit/responds`  $\leq$  `ogit/Forum/Reply`
- `ogit/subscribes`  $\leq$  `ogit/Forum/Profile`

#### outgoing edges

- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/WorkflowStep`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Profile`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Topic`
- `ogit/connects`  $\Rightarrow$  `ogit/Comment`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Reply`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeBundle`
- `ogit/connects`  $\Rightarrow$  `ogit/Automation/KnowledgeItem`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Post`
- `ogit/connects`  $\Rightarrow$  `ogit/Hyperlink`
- `ogit/contains`  $\Rightarrow$  `ogit/Automation/AutomationIssue`
- `ogit/contains`  $\Rightarrow$  `ogit/Automation/KnowledgeItem`
- `ogit/requires`  $\Rightarrow$  `ogit/Forum/Permission`



### 2.1.0.2 ogit/Organization

An identity that represents an organization, company, or some other grouping of Person objects. Entities of this type should be created with a predefined ID. Those IDs should be named like a domain name, i.e. a concatenation of some strings separated with a dot. If organization data is created from a LDAP then a mapping like "cn=John Doe,dc=example,dc=com" => "john\_doe.example.com" should be employed. The ogit/function attribute should be used to tell what kind of grouping an entity of type Organization is: company, department, group, ...

- id: <http://www.purl.org/ogit/Organization>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: SGO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/name](#)
- optional:
  - [ogit/businessCategory](#)
  - [ogit/city](#)
  - [ogit/country](#)
  - [ogit/description](#)
  - [ogit/email](#)
  - [ogit/function](#)
  - [ogit/phone](#)
  - [ogit/postalCode](#)
  - [ogit/sourceId](#)
  - [ogit/status](#)
  - [ogit/streetAddress](#)
  - [ogit/webPage](#)

#### incoming edges

- [ogit/approves](#) <= [ogit/Forum/Permission](#)
- [ogit/assignedTo](#) <= [ogit/Forum/WorkflowStep](#)
- [ogit/belongs](#) <= [ogit/Forum/Workflow](#)
- [ogit/belongs](#) <= [ogit/Forum/WorkflowTemplate](#)
- [ogit/configures](#) <= [ogit/Forum/Configuration](#)

## 2.1.0.3 ogit/Forum/KnowledgeItemHistory

Deprecated in favor of ogit/VersioningData. A data container of ogit/Automation/KnowledgeItems changes.

- id: <http://www.purl.org/ogit/Forum/KnowledgeItemHistory>
- valid-from: Fri Nov 13 00:00:00 UTC 2015
- creator: [bmmore@arago.de](mailto:bmmore@arago.de)
- scope: NTO
- parent: ogit/Node

## attributes

- mandatory:
  - [ogit/Automation/deployToEngine](#)
  - [ogit/Automation/knowledgeItemFormalRepresentation](#)
- optional:
  - [ogit/Automation/knowledgeItemTier](#)
  - [ogit/accessControl](#)
  - [ogit/changeLog](#)
  - [ogit/creationTime](#)
  - [ogit/description](#)
  - [ogit/isValid](#)
  - [ogit/modificationTime](#)
  - [ogit/name](#)

## incoming edges

- [ogit/Forum/downloads](#) <= [ogit/Forum/Profile](#)
- [ogit/Forum/rates](#) <= [ogit/Forum/Rating](#)
- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/associates](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)
- [ogit/connects](#) <= [ogit/Forum/WorkflowStep](#)
- [ogit/connects](#) <= [ogit/Comment](#)
- [ogit/corresponds](#) <= [ogit/Forum/Invite](#)

- `ogit/creates`  $\leq$  `ogit/Forum/Profile`
- `ogit/endorsees`  $\leq$  `ogit/Forum/Profile`
- `ogit/owns`  $\leq$  `ogit/Forum/Group`
- `ogit/relates`  $\leq$  `ogit/Forum/FeedEntry`
- `ogit/relates`  $\leq$  `ogit/Forum/Reply`
- `ogit/responds`  $\leq$  `ogit/Forum/Reply`
- `ogit/specifies`  $\leq$  `ogit/Forum/ShortId`
- `ogit/subscribes`  $\leq$  `ogit/Forum/Profile`

#### outgoing edges

- `ogit/associates`  $\Rightarrow$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\Rightarrow$  `ogit/Automation/KnowledgeItem`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/WorkflowStep`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Profile`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Topic`
- `ogit/connects`  $\Rightarrow$  `ogit/Comment`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Reply`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeBundle`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Post`
- `ogit/connects`  $\Rightarrow$  `ogit/Hyperlink`
- `ogit/relates`  $\Rightarrow$  `ogit/Automation/KnowledgeItem`
- `ogit/requires`  $\Rightarrow$  `ogit/Forum/Permission`

#### 2.1.0.4 `ogit/Forum/Workflow`

A Workflow defines a series of steps that must be completed in order.

- id: `http://www.purl.org/ogit/Forum/Workflow`
- valid-from: Mon Sep 18 00:00:00 UTC 2017
- creator: `cwalker@arago.de`
- scope: NTO
- parent: `ogit/Node`

#### attributes

- mandatory:
  - `ogit/title`

**incoming edges**

- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)

**outgoing edges**

- [ogit/belongs](#) => [ogit/Organization](#)
- [ogit/connects](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/contains](#) => [ogit/Forum/FeedEntry](#)
- [ogit/defines](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/owns](#) => [ogit/Forum/Group](#)
- [ogit/worksOn](#) => [ogit/Forum/WorkflowStep](#)

**2.1.0.5 ogit/Forum/Topic**

A Topic is a SubForum with a specific topic associated. Use to divide forums into sub-forums. However the entity is general enough to be used for anything that has a given subject.

- id: <http://www.purl.org/ogit/Forum/Topic>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
  - [ogit/description](#)
  - [ogit/title](#)
- optional:
  - [ogit/accessControl](#)

## incoming edges

- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)
- [ogit/connects](#) <= [ogit/Comment](#)
- [ogit/corresponds](#) <= [ogit/Forum/Invite](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/moderates](#) <= [ogit/Forum/Profile](#)
- [ogit/owns](#) <= [ogit/Forum/Group](#)
- [ogit/owns](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/subscribes](#) <= [ogit/Forum/Profile](#)

## outgoing edges

- [ogit/contains](#) => [ogit/Forum/Post](#)
- [ogit/requires](#) => [ogit/Forum/Permission](#)

2.1.0.6 [ogit/Forum/WorkflowTemplate](#)

A WorkflowTemplate defines a series of steps that must be completed in order.

- id: <http://www.purl.org/ogit/Forum/WorkflowTemplate>
- valid-from: Mon Sep 18 00:00:00 UTC 2017
- creator: [bneal@arago.de](mailto:bneal@arago.de)
- scope: NTO
- parent: [ogit/Node](#)

## attributes

- mandatory:
  - [ogit/title](#)

## incoming edges

- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)

**outgoing edges**

- [ogit/belongs](#) => [ogit/Organization](#)
- [ogit/defines](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/owns](#) => [ogit/Forum/Group](#)

**2.1.0.7 ogit/Comment**

Defines comments for a ticket, issue or another type of entity. Also known as WorkLog, ChangeLog or HistoryEntry.

- id: <http://www.purl.org/ogit/Comment>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: SGO
- parent: ogit/Node

**attributes**

- optional:
  - [ogit/content](#)
  - [ogit/creator](#)
  - [ogit/id](#)

**incoming edges**

- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)

**outgoing edges**

- [ogit/Forum/mentions](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/Topic](#)
- [ogit/connects](#) => [ogit/Forum/Reply](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) => [ogit/Forum/Post](#)
- [ogit/responds](#) => [ogit/Forum/Rating](#)
- [ogit/responds](#) => [ogit/Forum/Reply](#)

### 2.1.0.8 ogit/Forum/Rating

Rating is used to rank nodes based on an arbitrary integer `value`

- id: <http://www.purl.org/ogit/Forum/Rating>
- valid-from: Wed Aug 12 00:00:00 UTC 2015
- creator: [bneal@arago.de](mailto:bneal@arago.de)
- scope: NTO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/value](#)
- optional:
  - [ogit/content](#)

#### incoming edges

- [ogit/Forum/rates](#) <= [ogit/Forum/Profile](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/endorsees](#) <= [ogit/Forum/Profile](#)
- [ogit/responds](#) <= [ogit/Forum/Reply](#)
- [ogit/responds](#) <= [ogit/Comment](#)

#### outgoing edges

- [ogit/Forum/rates](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/rates](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/rates](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/belongs](#) => [ogit/Forum/Reply](#)

### 2.1.0.9 ogit/Forum/WorkflowStep

A Workflow Step defines part of a workflow

- id: <http://www.purl.org/ogit/Forum/WorkflowStep>
- valid-from: Mon Sep 18 00:00:00 UTC 2017
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
  - [ogit/title](#)

**incoming edges**

- [ogit/approves](#) <= [ogit/Forum/Review](#)
- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/defines](#) <= [ogit/Forum/Workflow](#)
- [ogit/defines](#) <= [ogit/Forum/WorkflowTemplate](#)
- [ogit/moderates](#) <= [ogit/Forum/Group](#)
- [ogit/rejects](#) <= [ogit/Forum/Review](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/responds](#) <= [ogit/Forum/Reply](#)
- [ogit/worksOn](#) <= [ogit/Forum/Group](#)
- [ogit/worksOn](#) <= [ogit/Forum/Workflow](#)

**outgoing edges**

- [ogit/assignedTo](#) => [ogit/Organization](#)
- [ogit/assignedTo](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Knowledge/AcquisitionSession](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeBundleHistory](#)
- [ogit/connects](#) => [ogit/Attachment](#)
- [ogit/connects](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) => [ogit/Forum/Post](#)
- [ogit/requires](#) => [ogit/Forum/Permission](#)



## 2.1.0.10 ogit/Person

A Person represents a human identity.

- id: <http://www.purl.org/ogit/Person>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: SGO
- parent: ogit/Node

## attributes

- optional:
  - [ogit/alternativeName](#)
  - [ogit/email](#)
  - [ogit/fax](#)
  - [ogit/firstName](#)
  - [ogit/lastName](#)
  - [ogit/middleName](#)
  - [ogit/mobilePhone](#)
  - [ogit/notification](#)
  - [ogit/officePhone](#)
  - [ogit/otherPhone](#)
  - [ogit/position](#)
  - [ogit/sourceId](#)
  - [ogit/status](#)
  - [ogit/title](#)
  - [ogit/webPage](#)

## incoming edges

- [ogit/belongs](#) <= [ogit/Forum/Profile](#)

## 2.1.0.11 ogit/Knowledge/AcquisitionSession

Entity to describe a Knowledge Acquisition Session, linking to Conversation, Structured Task Steps and the Knowledge

- id: <http://www.purl.org/ogit/Knowledge/AcquisitionSession>
- valid-from: Tue Mar 14 00:00:00 UTC 2017
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

## attributes

- optional:
  - [ogit/Knowledge/archived](#)
  - [ogit/description](#)
  - [ogit/title](#)

## incoming edges

- [ogit/connects](#) <= [ogit/Forum/WorkflowStep](#)

2.1.0.12 [ogit/Forum/KnowledgeBundleHistory](#)

A point-in-time snapshot of an [ogit/Forum/KnowledgeBundle](#)

- id: <http://www.purl.org/ogit/Forum/KnowledgeBundleHistory>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: [ogit/Node](#)

## attributes

- mandatory:
  - [ogit/name](#)
- optional:
  - [ogit/accessControl](#)

## incoming edges

- [ogit/connects](#) <= [ogit/Forum/WorkflowStep](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)

## outgoing edges

- [ogit/contains](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/contains](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/relates](#) => [ogit/Forum/KnowledgeBundle](#)

## 2.1.0.13 ogit/Automation/AutomationIssue

Dynamic information exists within an automation engine in the form of Issues otherwise referred to as Task or Situational Data. From the technical perspective an Issue is a number of attributes (Key/Value tuples) with unique names. From the logical point of view Issues contain information about the change of states on a system. Issues can be injected into an automation engine from external systems e.g. Monitoring or result from the execution of a Knowledge Item. By comparing an Issue with the Issue Condition of a Knowledge Item an automation engine decides which Knowledge Items are processed in which order. If multiple Knowledge Items can be applied to an Issue the KI with the more precisely defined IssueCondition is processed first.

- id: <http://www.purl.org/ogit/Automation/AutomationIssue>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: NTO
- parent: ogit/Node

## attributes

- optional:
  - [ogit/Automation/deployStatus](#)
  - [ogit/Automation/isDeployed](#)
  - [ogit/Automation/issueFormalRepresentation](#)
  - [ogit/Automation/issueType](#)
  - [ogit/Automation/maxIdleTime](#)
  - [ogit/Automation/originNode](#)
  - [ogit/Automation/parentIssue](#)
  - [ogit/Automation/processingNode](#)
  - [ogit/Automation/processingTimestamp](#)
  - [ogit/Automation/suspendUntil](#)
  - [ogit/Automation/webhook](#)
  - [ogit/RL/state](#)
  - [ogit/RL/totalReward](#)
  - [ogit/creationTime](#)
  - [ogit/modificationTime](#)
  - [ogit/status](#)
  - [ogit/subject](#)

## incoming edges

- [ogit/connects](#) <= [ogit/Forum/Workflow](#)
- [ogit/contains](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/contains](#) <= [ogit/Forum/KnowledgeBundleHistory](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)

## 2.1.0.14 ogit/Forum/Permission

Permission is used to approve a Nodes interaction with another Node

- id: <http://www.purl.org/ogit/Forum/Permission>
- valid-from: Fri Sep 04 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)
- scope: NTO
- parent: ogit/Node

## incoming edges

- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/requires](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/requires](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/requires](#) <= [ogit/Forum/Topic](#)
- [ogit/requires](#) <= [ogit/Forum/WorkflowStep](#)

## outgoing edges

- [ogit/approves](#) => [ogit/Organization](#)
- [ogit/approves](#) => [ogit/Forum/Profile](#)
- [ogit/approves](#) => [ogit/Forum/Group](#)

## 2.1.0.15 ogit/Forum/FeedEntry

A single entry in a newsfeed or other stream of items. Unlikely to contain many attributes of its own, more likely to link users with items describing the event.

- id: <http://www.purl.org/ogit/Forum/FeedEntry>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

## incoming edges

- [ogit/contains](#) <= [ogit/Forum/Workflow](#)
- [ogit/owns](#) <= [ogit/Forum/Profile](#)
- [ogit/precedes](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/subscribes](#) <= [ogit/Forum/Profile](#)

## outgoing edges

- [ogit/precedes](#) => [ogit/Forum/FeedEntry](#)
- [ogit/relates](#) => [ogit/Forum/WorkflowTemplate](#)
- [ogit/relates](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/relates](#) => [ogit/Forum/Workflow](#)
- [ogit/relates](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/relates](#) => [ogit/Comment](#)
- [ogit/relates](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/relates](#) => [ogit/Forum/Reply](#)
- [ogit/relates](#) => [ogit/Forum/Award](#)
- [ogit/relates](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/relates](#) => [ogit/Forum/Post](#)
- [ogit/relates](#) => [ogit/Forum/Topic](#)
- [ogit/relates](#) => [ogit/Forum/Profile](#)

2.1.0.16 [ogit/Forum/Reply](#)

A response to a some other entity

- id: <http://www.purl.org/ogit/Forum/Reply>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: [ogit/Node](#)

## attributes

- mandatory:
  - [ogit/content](#)

## incoming edges

- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/belongs](#) <= [ogit/Forum/Rating](#)
- [ogit/belongs](#) <= [ogit/Forum/Review](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)
- [ogit/connects](#) <= [ogit/Comment](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/endorses](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/responds](#) <= [ogit/Forum/Reply](#)
- [ogit/responds](#) <= [ogit/Comment](#)

## outgoing edges

- [ogit/Forum/mentions](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/Topic](#)
- [ogit/connects](#) => [ogit/Comment](#)
- [ogit/connects](#) => [ogit/Forum/Reply](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) => [ogit/Forum/Post](#)
- [ogit/connects](#) => [ogit/Hyperlink](#)
- [ogit/relates](#) => [ogit/Attachment](#)
- [ogit/relates](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/relates](#) => [ogit/Forum/Post](#)
- [ogit/relates](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/responds](#) => [ogit/Attachment](#)
- [ogit/responds](#) => [ogit/Forum/Rating](#)
- [ogit/responds](#) => [ogit/Forum/Reply](#)
- [ogit/responds](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/responds](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/responds](#) => [ogit/Forum/Post](#)
- [ogit/responds](#) => [ogit/Forum/KnowledgeItemHistory](#)

### 2.1.0.17 ogit/Forum/Banner

Standout content, i.e. a header, hero-unit or part of a carousel. Examples: <http://getbootstrap.com/examples/carousel/> (a carousel of banners) <http://getbootstrap.com/examples/jumbotron/> (the content at the top is a banner)

- id: <http://www.purl.org/ogit/Forum/Banner>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/content](#)

### 2.1.0.18 ogit/Forum/ShortId

A Reference to another Entity, used to track access via a specific channel/referrer. For example in TabTab, a Post has many shortIds which relate to different sharing methods, e.g. one for Twitter, one for Yammer, one for Email, etc... TabTab uses them as 'short urls' in the App and redirect the user to the correct content after tracking the access by the channel (`ogit/function`) attribute. The `ogit/function` attribute is used for this as the function of this shortId is to track a specific channel of inbound traffic. The ShortId can be used without this channel/referrer data, albeit to more limited use. The `ogit/id` attribute in this instance would be a short URL safe string.

- id: <http://www.purl.org/ogit/Forum/ShortId>
- valid-from: Thu Apr 23 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/id](#)
- optional:
  - [ogit/function](#)

#### outgoing edges

- [ogit/specifies](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/specifies](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/specifies](#) => [ogit/Forum/Post](#)

### 2.1.0.19 ogit/Attachment

This entity defines a file attachment that an IT service, issue, task or a ticket might have. The attachment itself is not saved in GraphIT, instead it contains an external url link for it.

- id: <http://www.purl.org/ogit/Attachment>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: SGO
- parent: ogit/Node

#### attributes

- optional:
  - [ogit/accessControl](#)
  - [ogit/content](#)
  - [ogit/createdAt](#)
  - [ogit/creator](#)
  - [ogit/id](#)
  - [ogit/lastUpdatedAt](#)
  - [ogit/lastUpdatedBy](#)
  - [ogit/name](#)
  - [ogit/size](#)
  - [ogit/sourceTable](#)
  - [ogit/type](#)
  - [ogit/url](#)

#### incoming edges

- [ogit/connects](#) <= [ogit/Forum/WorkflowStep](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/Reply](#)
- [ogit/responds](#) <= [ogit/Forum/Reply](#)

### 2.1.0.20 ogit/Forum/Award

Something which is won. A 'badge of merit' or an achievement, etc...

- id: <http://www.purl.org/ogit/Forum/Award>
- valid-from: Thu Apr 23 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node



**attributes**

- mandatory:
  - [ogit/title](#)

**incoming edges**

- [ogit/precedes](#) <= [ogit/Forum/Award](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/wins](#) <= [ogit/Forum/Profile](#)

**outgoing edges**

- [ogit/precedes](#) => [ogit/Forum/Award](#)

**2.1.0.21 [ogit/Automation/KnowledgeItem](#)**

Formalized Knowledge stored in XML format. Serves as the building block for automation solutions.

A KnowledgeItem is a knowledge module, which is applied for execution of an issue. A KnowledgeItem checks therefor the information and decides if it will be executed. In that case, the KnowledgeItem executes operations, which serves the exploitation of information.

- id: <http://www.purl.org/ogit/Automation/KnowledgeItem>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem
- scope: NTO
- parent: [ogit/Node](#)

**attributes**

- mandatory:
  - [ogit/Automation/knowledgeItemFormalRepresentation](#)
- optional:
  - [ogit/Automation/deployStatus](#)
  - [ogit/Automation/deployToEngine](#)
  - [ogit/Automation/isDeployed](#)
  - [ogit/Automation/knowledgeItemSyntaxVersion](#)
  - [ogit/Automation/knowledgeItemTier](#)
  - [ogit/\\_tags](#)
  - [ogit/accessControl](#)
  - [ogit/changeLog](#)
  - [ogit/creationTime](#)
  - [ogit/description](#)
  - [ogit/isValid](#)
  - [ogit/modificationTime](#)
  - [ogit/name](#)

## incoming edges

- `ogit/Forum/downloads`  $\leq$  `ogit/Forum/Profile`
- `ogit/Forum/rates`  $\leq$  `ogit/Forum/Rating`
- `ogit/assignedTo`  $\leq$  `ogit/Forum/Tag`
- `ogit/connects`  $\leq$  `ogit/Forum/KnowledgeBundle`
- `ogit/connects`  $\leq$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\leq$  `ogit/Forum/Post`
- `ogit/connects`  $\leq$  `ogit/Forum/Reply`
- `ogit/connects`  $\leq$  `ogit/Forum/WorkflowStep`
- `ogit/contains`  $\leq$  `ogit/Forum/KnowledgeBundle`
- `ogit/contains`  $\leq$  `ogit/Forum/KnowledgeBundleHistory`
- `ogit/creates`  $\leq$  `ogit/Forum/Profile`
- `ogit/relates`  $\leq$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/specifies`  $\leq$  `ogit/Forum/ShortId`

## outgoing edges

- `ogit/connects`  $\Rightarrow$  `ogit/Forum/WorkflowStep`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeItemHistory`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Profile`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Topic`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Reply`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/KnowledgeBundle`
- `ogit/connects`  $\Rightarrow$  `ogit/Forum/Post`

## 2.1.0.22 ogit/Forum/Configuration

Configuration Data. No Schema - all free attributes

- id: `http://www.purl.org/ogit/Forum/Configuration`
- valid-from: Thu Apr 23 00:00:00 UTC 2015
- creator: `cwalker@arago.de`
- scope: NTO
- parent: ogit/Node

## outgoing edges

- `ogit/configures`  $\Rightarrow$  `ogit/Organization`
- `ogit/configures`  $\Rightarrow$  `ogit/Forum/Profile`

## 2.1.0.23 ogit/Hyperlink

A representation of an (optionally) titled Hyperlink to some media. No protocol restrictions imposed.

- id: <http://www.purl.org/ogit/Hyperlink>
- valid-from: Tue Jun 09 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: SGO
- parent: ogit/Node

## attributes

- mandatory:
  - [ogit/url](#)
- optional:
  - [ogit/title](#)

## incoming edges

- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)

## 2.1.0.24 ogit/Forum/Group

A Node to associate a profile to a particular group

- id: <http://www.purl.org/ogit/Forum/Group>
- valid-from: Thu Dec 03 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)
- scope: NTO
- parent: ogit/Node

## incoming edges

- [ogit/approves](#) <= [ogit/Forum/Permission](#)
- [ogit/belongs](#) <= [ogit/Forum/Profile](#)
- [ogit/owns](#) <= [ogit/Forum/Workflow](#)
- [ogit/owns](#) <= [ogit/Forum/WorkflowTemplate](#)

**outgoing edges**

- `ogit/Forum/features => ogit/Forum/KnowledgeBundle`
- `ogit/associates => ogit/Forum/Role`
- `ogit/moderates => ogit/Forum/WorkflowStep`
- `ogit/owns => ogit/Forum/Topic`
- `ogit/owns => ogit/Forum/KnowledgeItemHistory`
- `ogit/owns => ogit/Forum/KnowledgeBundle`
- `ogit/worksOn => ogit/Forum/WorkflowStep`

**2.1.0.25 ogit/Notification****A notification event**

- id: `http://www.purl.org/ogit/Notification`
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: `cwalker@arago.de`
- scope: NTO
- parent: ogit/Node

**attributes**

- optional:
  - `ogit/category`
  - `ogit/condition`
  - `ogit/description`
  - `ogit/expiresAt`
  - `ogit/firstOccurredAt`
  - `ogit/lastOccurredAt`
  - `ogit/message`
  - `ogit/onAttribute`
  - `ogit/onVertex`
  - `ogit/operation`
  - `ogit/priority`
  - `ogit/severity`
  - `ogit/sourceId`
  - `ogit/type`

**incoming edges**

- `ogit/owns <= ogit/Forum/Profile`

## 2.1.0.26 ogit/Forum/Invite

Invite is used to request participation with a node

- id: <http://www.purl.org/ogit/Forum/Invite>
- valid-from: Wed Sep 02 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)
- scope: NTO
- parent: ogit/Node

## attributes

- mandatory:
  - [ogit/token](#)

## incoming edges

- [ogit/accepts](#) <= [ogit/Forum/Profile](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/rejects](#) <= [ogit/Forum/Profile](#)

## outgoing edges

- [ogit/corresponds](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/corresponds](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/corresponds](#) => [ogit/Forum/Topic](#)
- [ogit/requests](#) => [ogit/Forum/Profile](#)

## 2.1.0.27 ogit/Forum/Role

A Node to associate a profile with a particular Role within a Group

- id: <http://www.purl.org/ogit/Forum/Role>
- valid-from: Thu Dec 03 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)
- scope: NTO
- parent: ogit/Node

## incoming edges

- [ogit/associates](#) <= [ogit/Forum/Group](#)

## outgoing edges

- `ogit/belongs => ogit/Forum/Profile`

## 2.1.0.28 ogit/Forum/Profile

A User's persona within a forum. Linked to an `ogit/Identity` but separate, the Profile is the root node for most operations with a Forum.

- id: `http://www.purl.org/ogit/Forum/Profile`
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: `cwalker@arago.de`
- scope: NTO
- parent: `ogit/Node`

## attributes

- mandatory:
  - `ogit/Forum/username`
  - `ogit/name`

## incoming edges

- `ogit/Forum/mentions <= ogit/Forum/Post`
- `ogit/Forum/mentions <= ogit/Forum/Profile`
- `ogit/Forum/mentions <= ogit/Forum/Reply`
- `ogit/Forum/mentions <= ogit/Comment`
- `ogit/approves <= ogit/Forum/Permission`
- `ogit/assignedTo <= ogit/Forum/WorkflowStep`
- `ogit/belongs <= ogit/Forum/Role`
- `ogit/configures <= ogit/Forum/Configuration`
- `ogit/connects <= ogit/Automation/KnowledgeItem`
- `ogit/connects <= ogit/Forum/KnowledgeBundle`
- `ogit/connects <= ogit/Forum/KnowledgeItemHistory`
- `ogit/connects <= ogit/Forum/Post`
- `ogit/connects <= ogit/Forum/Reply`
- `ogit/connects <= ogit/Comment`
- `ogit/relates <= ogit/Forum/FeedEntry`
- `ogit/requests <= ogit/Forum/Invite`
- `ogit/subscribes <= ogit/Forum/Profile`

## outgoing edges

- [ogit/Forum/downloads => ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/downloads => ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/downloads => ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/mentions => ogit/Forum/Profile](#)
- [ogit/Forum/rates => ogit/Forum/Rating](#)
- [ogit/accepts => ogit/Forum/Invite](#)
- [ogit/belongs => ogit/Person](#)
- [ogit/belongs => ogit/Person](#)
- [ogit/belongs => ogit/Forum/Group](#)
- [ogit/creates => ogit/Forum/Review](#)
- [ogit/creates => ogit/Forum/WorkflowTemplate](#)
- [ogit/creates => ogit/Forum/KnowledgeBundleHistory](#)
- [ogit/creates => ogit/Attachment](#)
- [ogit/creates => ogit/Forum/Workflow](#)
- [ogit/creates => ogit/Forum/Rating](#)
- [ogit/creates => ogit/Forum/KnowledgeItemHistory](#)
- [ogit/creates => ogit/Forum/Permission](#)
- [ogit/creates => ogit/Forum/Invite](#)
- [ogit/creates => ogit/Automation/AutomationIssue](#)
- [ogit/creates => ogit/Forum/Topic](#)
- [ogit/creates => ogit/Forum/Reply](#)
- [ogit/creates => ogit/Forum/Post](#)
- [ogit/creates => ogit/Automation/KnowledgeItem](#)
- [ogit/creates => ogit/Comment](#)
- [ogit/creates => ogit/Forum/KnowledgeBundle](#)
- [ogit/endorsees => ogit/Forum/Rating](#)
- [ogit/endorsees => ogit/Forum/Reply](#)
- [ogit/endorsees => ogit/Forum/Post](#)
- [ogit/endorsees => ogit/Forum/KnowledgeItemHistory](#)
- [ogit/endorsees => ogit/Forum/KnowledgeBundle](#)
- [ogit/moderates => ogit/Forum/KnowledgeBundle](#)
- [ogit/moderates => ogit/Forum/Topic](#)
- [ogit/owns => ogit/Forum/Topic](#)
- [ogit/owns => ogit/Notification](#)
- [ogit/owns => ogit/Forum/FeedEntry](#)

- `ogit/owns => ogit/Forum/KnowledgeBundle`
- `ogit/rejects => ogit/Forum/Invite`
- `ogit/subscribes => ogit/Forum/FeedEntry`
- `ogit/subscribes => ogit/Forum/Profile`
- `ogit/subscribes => ogit/Forum/KnowledgeBundle`
- `ogit/subscribes => ogit/Forum/Post`
- `ogit/subscribes => ogit/Forum/Topic`
- `ogit/subscribes => ogit/Forum/KnowledgeItemHistory`
- `ogit/wins => ogit/Forum/Award`

#### 2.1.0.29 ogit/Forum/Review

A review to a some other entity

- id: <http://www.purl.org/ogit/Forum/Review>
- valid-from: Mon Jan 08 00:00:00 UTC 2018
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)
- scope: NTO
- parent: ogit/Node

incoming edges

- `ogit/creates <= ogit/Forum/Profile`

outgoing edges

- `ogit/approves => ogit/Forum/WorkflowStep`
- `ogit/belongs => ogit/Forum/Reply`
- `ogit/rejects => ogit/Forum/WorkflowStep`

#### 2.1.0.30 ogit/Forum/Post

A Post is an online publication. Could be a blog post, or a posting on a forum/messageboard.

- id: <http://www.purl.org/ogit/Forum/Post>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node



**attributes**

- mandatory:
  - [ogit/content](#)

**incoming edges**

- [ogit/assignedTo](#) <= [ogit/Forum/Tag](#)
- [ogit/connects](#) <= [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) <= [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) <= [ogit/Forum/Post](#)
- [ogit/connects](#) <= [ogit/Forum/Reply](#)
- [ogit/connects](#) <= [ogit/Forum/WorkflowStep](#)
- [ogit/connects](#) <= [ogit/Comment](#)
- [ogit/contains](#) <= [ogit/Forum/Topic](#)
- [ogit/creates](#) <= [ogit/Forum/Profile](#)
- [ogit/endorsees](#) <= [ogit/Forum/Profile](#)
- [ogit/relates](#) <= [ogit/Forum/FeedEntry](#)
- [ogit/relates](#) <= [ogit/Forum/Reply](#)
- [ogit/responds](#) <= [ogit/Forum/Reply](#)
- [ogit/specifies](#) <= [ogit/Forum/ShortId](#)
- [ogit/subscribes](#) <= [ogit/Forum/Profile](#)

**outgoing edges**

- [ogit/Forum/mentions](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/connects](#) => [ogit/Forum/Profile](#)
- [ogit/connects](#) => [ogit/Forum/Topic](#)
- [ogit/connects](#) => [ogit/Comment](#)
- [ogit/connects](#) => [ogit/Forum/Reply](#)
- [ogit/connects](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/connects](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/connects](#) => [ogit/Forum/Post](#)
- [ogit/connects](#) => [ogit/Hyperlink](#)

## 2.1.0.31 ogit/Forum/Tag

A Tag used to categorise content. The required `key` attribute should be used as the unique identifier, and the `name` considered a display name.

- id: <http://www.purl.org/ogit/Forum/Tag>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- scope: NTO
- parent: ogit/Node

## attributes

- mandatory:
  - [ogit/name](#)

## outgoing edges

- [ogit/assignedTo](#) => [ogit/Forum/Reply](#)
- [ogit/assignedTo](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/assignedTo](#) => [ogit/Forum/Topic](#)
- [ogit/assignedTo](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/assignedTo](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/assignedTo](#) => [ogit/Forum/Post](#)
- [ogit/assignedTo](#) => [ogit/Forum/KnowledgeBundle](#)

## 2.2 Verbs

### 2.2.0.1 ogit/endorsees

This relationship indicates that one entity endorses some other. This is a recommendation or a social `like`.

- id: <http://www.purl.org/ogit/endorsees>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)

#### Allowed Connection

- [ogit/Forum/Profile](#) => [ogit/Forum/Rating](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)

### 2.2.0.2 ogit/Forum/mentions

This verb was envisaged to represent the *Social Media* menaing of the word mention (or the Twitter-ism *at-mention*). However it simple represents that one entity mentions another, for example cross-references in documentation would also be a valid use-case.

- id: <http://www.purl.org/ogit/Forum/mentions>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)

#### Allowed Connection

- [ogit/Forum/Post](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Profile](#)
- [ogit/Comment](#) => [ogit/Forum/Profile](#)

### 2.2.0.3 ogit/contains

This relationship indicates that something is part of something else. see also "includes"

- id: <http://www.purl.org/ogit/contains>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/KnowledgeBundle](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/KnowledgeBundleHistory](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/Forum/KnowledgeBundleHistory](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Topic](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Workflow](#) => [ogit/Forum/FeedEntry](#)

**2.2.0.4 ogit/defines**

General relationship indicating that some entity defines some other.

- id: <http://www.purl.org/ogit/defines>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/Workflow](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/WorkflowTemplate](#) => [ogit/Forum/WorkflowStep](#)

**2.2.0.5 ogit/rejects**

Indicates if an entity rejects something else.

- id: <http://www.purl.org/ogit/rejects>
- valid-from: Wed Sep 02 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)

**Allowed Connection**

- [ogit/Forum/Profile](#) => [ogit/Forum/Invite](#)
- [ogit/Forum/Review](#) => [ogit/Forum/WorkflowStep](#)

**2.2.0.6 ogit/Forum/features**

This verb represents which KnowledgeBundles are featured ("chosen") for a given Group

- id: <http://www.purl.org/ogit/Forum/features>
- valid-from: Thu Feb 25 00:00:00 UTC 2016
- creator: [bneal@arago.de](mailto:bneal@arago.de)

**Allowed Connection**

- [ogit/Forum/Group](#) => [ogit/Forum/KnowledgeBundle](#)

**2.2.0.7 ogit/worksOn**

Indicates if one entity is currently working on another entity.

- id: <http://www.purl.org/ogit/worksOn>
- valid-from: Wed Jun 24 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/Group](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/Workflow](#) => [ogit/Forum/WorkflowStep](#)

**2.2.0.8 ogit/assignedTo**

Verb expressing which entity could be assigned to which another entity.

- id: <http://www.purl.org/ogit/assignedTo>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/Tag](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Tag](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/Tag](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Tag](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Tag](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Tag](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Tag](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Organization](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/Profile](#)

### 2.2.0.9 ogit/specifies

One entity "specifies" another.

- id: <http://www.purl.org/ogit/specifies>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

#### Allowed Connection

- [ogit/Forum/ShortId](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/ShortId](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/ShortId](#) => [ogit/Forum/Post](#)

### 2.2.0.10 ogit/accepts

Indicates if an entity accepts something else.

- id: <http://www.purl.org/ogit/accepts>
- valid-from: Wed Sep 02 00:00:00 UTC 2015
- creator: [bmoore@arago.de](mailto:bmoore@arago.de)

#### Allowed Connection

- [ogit/Forum/Profile](#) => [ogit/Forum/Invite](#)

### 2.2.0.11 ogit/precedes

Describes the relation between a predecessor and a successor entity. This can be use in two ways: Either do define some temporal order of things. Or to define some dependency of actions to be done. The application managing such dependency graphs is responsible to prevent cyclic dependencies.

- id: <http://www.purl.org/ogit/precedes>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

#### Allowed Connection

- [ogit/Forum/Award](#) => [ogit/Forum/Award](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/FeedEntry](#)

## 2.2.0.12 ogit/creates

Indicates if one entity creates another one.

- id: <http://www.purl.org/ogit/creates>
- valid-from: Tue May 19 00:00:00 UTC 2015
- creator: Peter Larem

## Allowed Connection

- [ogit/Forum/Profile](#) => [ogit/Forum/Review](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/WorkflowTemplate](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundleHistory](#)
- [ogit/Forum/Profile](#) => [ogit/Attachment](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Workflow](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Rating](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Permission](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Invite](#)
- [ogit/Forum/Profile](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Profile](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Profile](#) => [ogit/Comment](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)

## 2.2.0.13 ogit/associates

Verb indicating if an entity associates with another entity.

- id: <http://www.purl.org/ogit/associates>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

## Allowed Connection

- [ogit/Forum/Group](#) => [ogit/Forum/Role](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/KnowledgeItemHistory](#)

## 2.2.0.14 ogit/moderates

Moderation as a verb, in the context of a forum, is a supervisory role. It implies that the entity takes a responsibility for the maintenance and upkeep of the connected entity.

- id: <http://www.purl.org/ogit/moderates>
- valid-from: Thu Apr 23 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- cardinality: many2many

## Allowed Connection

- [ogit/Forum/Group](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Topic](#)

## 2.2.0.15 ogit/connects

Verb showing that an entity is physically/virtually connecting to another entity.

- id: <http://www.purl.org/ogit/connects>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

## Allowed Connection

- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/Profile](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/Topic](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/Reply](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Automation/KnowledgeItem](#) => [ogit/Forum/Post](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Comment](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/Reply](#)



- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/Post](#)
- [ogit/Forum/KnowledgeBundle](#) => [ogit/Hyperlink](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Comment](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/Post](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Hyperlink](#)
- [ogit/Forum/Post](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/Post](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Post](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Post](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Post](#) => [ogit/Comment](#)
- [ogit/Forum/Post](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Post](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Post](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Post](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Post](#) => [ogit/Hyperlink](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Reply](#) => [ogit/Comment](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Reply](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Reply](#) => [ogit/Hyperlink](#)
- [ogit/Forum/Workflow](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Knowledge/AcquisitionSession](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/KnowledgeBundleHistory](#)

- [ogit/Forum/WorkflowStep](#) => [ogit/Attachment](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/Post](#)
- [ogit/Comment](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Comment](#) => [ogit/Forum/Profile](#)
- [ogit/Comment](#) => [ogit/Forum/Topic](#)
- [ogit/Comment](#) => [ogit/Forum/Reply](#)
- [ogit/Comment](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Comment](#) => [ogit/Forum/Post](#)

#### 2.2.0.16 [ogit/corresponds](#)

Indicates whether one entity could correspond to a more general one, e.g. an Incident could correspond to a Ticket

- id: <http://www.purl.org/ogit/corresponds>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

##### Allowed Connection

- [ogit/Forum/Invite](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Invite](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Invite](#) => [ogit/Forum/Topic](#)

#### 2.2.0.17 [ogit/Forum/rates](#)

This verb represents the `Rating` between two nodes

- id: <http://www.purl.org/ogit/Forum/rates>
- valid-from: Wed Aug 12 00:00:00 UTC 2015
- creator: [bneal@arago.de](mailto:bneal@arago.de)

##### Allowed Connection

- [ogit/Forum/Profile](#) => [ogit/Forum/Rating](#)
- [ogit/Forum/Rating](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Rating](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Rating](#) => [ogit/Forum/KnowledgeBundle](#)

**2.2.0.18 ogit/requires**

Indicates dependencies between entities in the sense of "necessary condition".

- id: <http://www.purl.org/ogit/requires>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/KnowledgeBundle](#) => [ogit/Forum/Permission](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Forum/Permission](#)
- [ogit/Forum/Topic](#) => [ogit/Forum/Permission](#)
- [ogit/Forum/WorkflowStep](#) => [ogit/Forum/Permission](#)

**2.2.0.19 ogit/requests**

Indicates if one entity requests another, e.g. Person requests a ChangeRequest. This might be different from the person who created the ticket (ogit/ITSM/openedBy) in case the reporter is calling a service desk and the ticket will be opened by help desk staff. Sometimes also named as "caller". This Person or entity must be kept informed about relevant updates of the ticket.

- id: <http://www.purl.org/ogit/requests>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/Invite](#) => [ogit/Forum/Profile](#)

**2.2.0.20 ogit/configures**

The `from` entity, contains configuration data for the `to` entity

- id: <http://www.purl.org/ogit/configures>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)

**Allowed Connection**

- [ogit/Forum/Configuration](#) => [ogit/Organization](#)
- [ogit/Forum/Configuration](#) => [ogit/Forum/Profile](#)

## 2.2.0.21 ogit/responds

This relationship indicates that one entity is a response to another. For example, parts of a conversation/fourm thread.

- id: <http://www.purl.org/ogit/responds>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)

## Allowed Connection

- [ogit/Forum/Reply](#) => [ogit/Attachment](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Rating](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Comment](#) => [ogit/Forum/Rating](#)
- [ogit/Comment](#) => [ogit/Forum/Reply](#)

## 2.2.0.22 ogit/owns

This relationship indicates that one entity owns some other.

- id: <http://www.purl.org/ogit/owns>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

## Allowed Connection

- [ogit/Forum/Group](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Group](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Group](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Profile](#) => [ogit/Notification](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/FeedEntry](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Workflow](#) => [ogit/Forum/Group](#)
- [ogit/Forum/WorkflowTemplate](#) => [ogit/Forum/Group](#)

**2.2.0.23 ogit/belongs**

Verb showing if one entity belongs to another.

- id: <http://www.purl.org/ogit/belongs>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/Profile](#) => [ogit/Person](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Group](#)
- [ogit/Forum/Rating](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Review](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/Role](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Workflow](#) => [ogit/Organization](#)
- [ogit/Forum/WorkflowTemplate](#) => [ogit/Organization](#)

**2.2.0.24 ogit/subscribes**

A subscription by an entity to another. Implies that one entity is interested in something the other can offer.

- id: <http://www.purl.org/ogit/subscribes>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)

**Allowed Connection**

- [ogit/Forum/Profile](#) => [ogit/Forum/FeedEntry](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeItemHistory](#)

**2.2.0.25 ogit/approves**

Indicates if an entity approves something else.

- id: <http://www.purl.org/ogit/approves>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Aymen Ayoub

**Allowed Connection**

- [ogit/Forum/Permission](#) => [ogit/Organization](#)
- [ogit/Forum/Permission](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/Permission](#) => [ogit/Forum/Group](#)
- [ogit/Forum/Review](#) => [ogit/Forum/WorkflowStep](#)

**2.2.0.26 ogit/Forum/downloads**

This verb represents that a "User" has downloaded a given Bundle

- id: <http://www.purl.org/ogit/Forum/downloads>
- valid-from: Thu Feb 25 00:00:00 UTC 2016
- creator: [bneal@arago.de](mailto:bneal@arago.de)

**Allowed Connection**

- [ogit/Forum/Profile](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/Profile](#) => [ogit/Forum/KnowledgeBundle](#)

**2.2.0.27 ogit/relates**

General relationship indicating that one entity is related to another one.

- id: <http://www.purl.org/ogit/relates>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

**Allowed Connection**

- [ogit/Forum/FeedEntry](#) => [ogit/Forum/WorkflowTemplate](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/WorkflowStep](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Workflow](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Automation/AutomationIssue](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Comment](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/KnowledgeItemHistory](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Reply](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Award](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/KnowledgeBundle](#)

- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Post](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Topic](#)
- [ogit/Forum/FeedEntry](#) => [ogit/Forum/Profile](#)
- [ogit/Forum/KnowledgeBundleHistory](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/KnowledgeItemHistory](#) => [ogit/Automation/KnowledgeItem](#)
- [ogit/Forum/Reply](#) => [ogit/Attachment](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeBundle](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/Post](#)
- [ogit/Forum/Reply](#) => [ogit/Forum/KnowledgeItemHistory](#)

#### 2.2.0.28 ogit/wins

Associates the entity that has won something with the thing that was won. Despite the present tense used in the verb, this almost always will refer to some that *was* won in the past.

- id: <http://www.purl.org/ogit/wins>
- valid-from: Thu Apr 23 00:00:00 UTC 2015
- creator: [cwalker@arago.de](mailto:cwalker@arago.de)
- cardinality: many2many

#### Allowed Connection

- [ogit/Forum/Profile](#) => [ogit/Forum/Award](#)

## 2.3 Attributes

### 2.3.0.1 ogit/Automation/deployToEngine

Obsolete attribute. Not used for HIRO  $\geq 6$ . Boolean value, true if an automation Knowledge Item can deploy into an Automation Engine.

- id: <http://www.purl.org/ogit/Automation/deployToEngine>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/KnowledgeItemHistory](#)
- optional:
  - [ogit/Automation/KnowledgeItem](#)

### 2.3.0.2 ogit/operation

This field represents operation type.

- id: <http://www.purl.org/ogit/operation>
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

used

- optional:
  - [ogit/Notification](#)

### 2.3.0.3 ogit/category

Used to categorize things.

- id: <http://www.purl.org/ogit/category>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Notification](#)



#### 2.3.0.4 ogit/onAttribute

This field represents an attribute on which an event occurred.

- id: <http://www.purl.org/ogit/onAttribute>
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.5 ogit/postalCode

The postal code. For example, 60433.

- id: <http://www.purl.org/ogit/postalCode>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Organization](#)

#### 2.3.0.6 ogit/RL/totalReward

Specifies the total reward of the issue for Reinforcement Learning.

- id: <http://www.purl.org/ogit/RL/totalReward>
- valid-from: Thu Jan 02 00:00:00 UTC 2020
- creator: Rudi Schäfer

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

### 2.3.0.7 ogit/email

An email address.

- id: <http://www.purl.org/ogit/email>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Organization](#)
  - [ogit/Person](#)

### 2.3.0.8 ogit/alternativeName

Alternative name of something. In context of a Person this can be the full name or an alias/nick name.

- id: <http://www.purl.org/ogit/alternativeName>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Person](#)

### 2.3.0.9 ogit/function

Attribute used to specify a function that some entity does/provides. This is more specific than 'description'. Should contain a short string. At this level of specification it is still a free from string. However, unlike 'description', it is expected to contain some list of fixed values.

- id: <http://www.purl.org/ogit/function>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Forum/ShortId](#)
  - [ogit/Organization](#)

#### 2.3.0.10 ogit/isValid

Boolean value, true if the object is valid.

- id: <http://www.purl.org/ogit/isValid>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.11 ogit/Automation/suspendUntil

Contains the timestamp until which entity should not be processed by HIRO.

- id: <http://www.purl.org/ogit/Automation/suspendUntil>
- valid-from: Sat Jun 01 00:00:00 UTC 2019
- creator: [cy@arago.co](mailto:cy@arago.co)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.12 ogit/country

Name of a country.

- id: <http://www.purl.org/ogit/country>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Organization](#)

#### 2.3.0.13 ogit/businessCategory

The category of a business.

- id: <http://www.purl.org/ogit/businessCategory>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Organization](#)

#### 2.3.0.14 ogit/onVertex

This field represents a vertex on which an event occurred.

- id: <http://www.purl.org/ogit/onVertex>
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.15 ogit/notification

A notification.

- id: <http://www.purl.org/ogit/notification>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Person](#)

#### 2.3.0.16 ogit/changeLog

String value describing a changelog of an entity.

- id: <http://www.purl.org/ogit/changeLog>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.17 ogit/sourceId

The Id of the source system.

- id: <http://www.purl.org/ogit/sourceId>
- valid-from: Thu Jun 11 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Notification](#)
  - [ogit/Organization](#)
  - [ogit/Person](#)

#### 2.3.0.18 ogit/url

Contains an URL (unified resource locator)

- id: <http://www.purl.org/ogit/url>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Hyperlink](#)
- optional:
  - [ogit/Attachment](#)

#### 2.3.0.19 ogit/mobilePhone

A mobile phone number.

- id: <http://www.purl.org/ogit/mobilePhone>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Person](#)

#### 2.3.0.20 ogit/severity

Stores a severity. E.g. Some event management systems might store a severity field.

- id: <http://www.purl.org/ogit/severity>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.21 ogit/Automation/knowledgeItemTier

Numeric value describing KnowledgeItem Tier.

- id: <http://www.purl.org/ogit/Automation/knowledgeItemTier>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.22 ogit/value

Contains a value of a key / value pair.

- id: <http://www.purl.org/ogit/value>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/Rating](#)

#### 2.3.0.23 ogit/Automation/knowledgeItemFormalRepresentation

Contains an automation Knowledge Item (KI) in XML representation defined by KiSchema.

- id: <http://www.purl.org/ogit/Automation/knowledgeItemFormalRepresentation>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.24 ogit/Knowledge/archived

Boolean indicating whether the session is archived or not

- id: <http://www.purl.org/ogit/Knowledge/archived>
- valid-from: Fri Jul 26 00:00:00 UTC 2019
- creator: Vitaly Teremasov

used

- optional:
  - [ogit/Knowledge/AcquisitionSession](#)

## 2.3.0.25 ogit/city

Name of a city.

- id: <http://www.purl.org/ogit/city>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Organization](#)

## 2.3.0.26 ogit/status

A status for an entity. At this level of specification no list of values is specified. However, applications using this attribute are expected to allow only a fixed list of values that seems usefual in the application's semantic context.

- id: <http://www.purl.org/ogit/status>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)
  - [ogit/Organization](#)
  - [ogit/Person](#)

## 2.3.0.27 ogit/createdAt

Defines a point in time when a ticket/incident/event etc was created or recorded.

- id: <http://www.purl.org/ogit/createdAt>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Attachment](#)



### 2.3.0.28 `ogit/Forum/username`

A unique username for a member of a Forum

- id: <http://www.purl.org/ogit/Forum/username>
- valid-from: Mon Apr 27 00:00:00 UTC 2015
- creator: Chris Walker

used

- mandatory:
  - [ogit/Forum/Profile](#)

### 2.3.0.29 `ogit/lastName`

Last name of a person.

- id: <http://www.purl.org/ogit/lastName>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Person](#)

### 2.3.0.30 `ogit/modificationTime`

Modification time.

- id: <http://www.purl.org/ogit/modificationTime>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.31 `ogit/Automation/knowledgeItemSyntaxVersion`

Contains an automation Knowledge Item (KI) syntax version.

- id: <http://www.purl.org/ogit/Automation/knowledgeItemSyntaxVersion>
- valid-from: Tue Oct 31 00:00:00 UTC 2017
- creator: [druss@arago.de](mailto:druss@arago.de)

used

- optional:
  - [ogit/Automation/KnowledgeItem](#)

#### 2.3.0.32 `ogit/Automation/maxIdleTime`

Sets the maximum idle time of an AutomationIssue. HIRO Engine internally manages the idle time for each AutomationIssue. Whenever a KnowledgeItem gets applied it is reset to zero. If maximum idle time is reached the AutomationIssue is regarded as 'cannot be processed anymore until more knowledge is provided'

- id: <http://www.purl.org/ogit/Automation/maxIdleTime>
- valid-from: Mon Jul 22 00:00:00 UTC 2019
- creator: [fotto@arago.de](mailto:fotto@arago.de)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.33 `ogit/priority`

Priority of a ticket. The actual semantics might depend on the ticket type (Incident, Service Request, ...)

- id: <http://www.purl.org/ogit/priority>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.34 ogit/middleName

Middle name of a person.

- id: <http://www.purl.org/ogit/middleName>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Person](#)

#### 2.3.0.35 ogit/accessControl

The access control level of this Node. Value could mean different things to different applications / policies. Initial intent is that policies would treat "public-read" (inspired by Amazon AWS S3 ACLs) to mean anyone would have read-only access to this node.

- id: <http://www.purl.org/ogit/accessControl>
- valid-from: Thu Mar 26 00:00:00 UTC 2015
- creator: Chris Walker

used

- optional:
  - [ogit/Attachment](#)
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeBundle](#)
  - [ogit/Forum/KnowledgeBundleHistory](#)
  - [ogit/Forum/KnowledgeItemHistory](#)
  - [ogit/Forum/Topic](#)

#### 2.3.0.36 ogit/expiresAt

Defines the date something expires.

- id: <http://www.purl.org/ogit/expiresAt>
- valid-from: Wed Aug 03 00:00:00 UTC 2016
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.37 ogit/streetAddress

The street address. For example, Eschersheimer Landstr. 526-532

- id: <http://www.purl.org/ogit/streetAddress>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Organization](#)

#### 2.3.0.38 ogit/firstName

First name of a person

- id: <http://www.purl.org/ogit/firstName>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Person](#)

#### 2.3.0.39 ogit/title

Title of any kind. In the context of a Person this can be a courtesy title, an academic title, or a job title.

- id: <http://www.purl.org/ogit/title>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/Award](#)
  - [ogit/Forum/Topic](#)
  - [ogit/Forum/Workflow](#)
  - [ogit/Forum/WorkflowStep](#)
  - [ogit/Forum/WorkflowTemplate](#)
- optional:
  - [ogit/Hyperlink](#)
  - [ogit/Knowledge/AcquisitionSession](#)
  - [ogit/Person](#)

#### 2.3.0.40 ogit/content

A string holding any type of content: plain string, XML fragments, RDF documents, ...

- id: <http://www.purl.org/ogit/content>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/Banner](#)
  - [ogit/Forum/Post](#)
  - [ogit/Forum/Reply](#)
- optional:
  - [ogit/Attachment](#)
  - [ogit/Comment](#)
  - [ogit/Forum/Rating](#)

#### 2.3.0.41 ogit/Automation/deployStatus

String value, represents the status if an automation Knowledge Item is not deployed into an Automation Engine.

- id: <http://www.purl.org/ogit/Automation/deployStatus>
- valid-from: Mon Jan 25 00:00:00 UTC 2016
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)
  - [ogit/Automation/KnowledgeItem](#)

#### 2.3.0.42 ogit/lastOccurredAt

Defines the date of last occurrence of an event

- id: <http://www.purl.org/ogit/lastOccurredAt>
- valid-from: Wed Aug 03 00:00:00 UTC 2016
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Notification](#)

**2.3.0.43** `ogit/Automation/isDeployed`

Obsolete attribute. Not used for HIRO  $\geq 6$ . Boolean value, true if an automation Knowledge Item is deployed into an Automation Engine.

- id: <http://www.purl.org/ogit/Automation/isDeployed>
- valid-from: Mon Jan 25 00:00:00 UTC 2016
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)
  - [ogit/Automation/KnowledgeItem](#)

**2.3.0.44** `ogit/Automation/processingNode`

Defines where an AutomationIssue is currently being processed or was being processed last. Must contain a valid vertex id. Replaces the free attribute '/CurrentNodeID'

- id: <http://www.purl.org/ogit/Automation/processingNode>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: [fotto@arago.de](mailto:fotto@arago.de)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

**2.3.0.45** `ogit/Automation/issueFormalRepresentation`

Obsolete attribute. Not used for HIRO  $\geq 6$ . Contains an issue in XML representation defined by IssueSchema.

- id: <http://www.purl.org/ogit/Automation/issueFormalRepresentation>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.46 ogit/\_tags

[internally generated] Used for individual search.

- id: [http://www.purl.org/ogit/\\_tags](http://www.purl.org/ogit/_tags)
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/KnowledgeItem](#)

#### 2.3.0.47 ogit/name

Contains a name.

- id: <http://www.purl.org/ogit/name>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/KnowledgeBundle](#)
  - [ogit/Forum/KnowledgeBundleHistory](#)
  - [ogit/Forum/Profile](#)
  - [ogit/Forum/Tag](#)
  - [ogit/Organization](#)
- optional:
  - [ogit/Attachment](#)
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

#### 2.3.0.48 ogit/Automation/originNode

Defines where an AutomationIssue starts/started its lifecycle. Must contain a valid vertex id. Replaces the free attribute 'NodeID'

- id: <http://www.purl.org/ogit/Automation/originNode>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: [fotto@arago.de](mailto:fotto@arago.de)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.49 ogit/description

Contains a description.

- id: <http://www.purl.org/ogit/description>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/Topic](#)
- optional:
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)
  - [ogit/Knowledge/AcquisitionSession](#)
  - [ogit/Notification](#)
  - [ogit/Organization](#)

#### 2.3.0.50 ogit/token

A unique randomly created ID to make communication between client and vendor possible during the process of requesting a license

- id: <http://www.purl.org/ogit/token>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/Invite](#)

#### 2.3.0.51 ogit/condition

This field represents condition type.

- id: <http://www.purl.org/ogit/condition>
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

used

- optional:
  - [ogit/Notification](#)



#### 2.3.0.52 `ogit/Automation/issueType`

Contains the type of the issue.

- id: <http://www.purl.org/ogit/Automation/issueType>
- valid-from: Thu Nov 01 00:00:00 UTC 2018
- creator: [cy@arago.de](mailto:cy@arago.de)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.53 `ogit/lastUpdatedBy`

Defines the last person or process who updated an entity.

- id: <http://www.purl.org/ogit/lastUpdatedBy>
- valid-from: Mon Jul 20 00:00:00 UTC 2015
- creator: Aymen Ayoub

used

- optional:
  - [ogit/Attachment](#)

#### 2.3.0.54 `ogit/officePhone`

The phone number in the office.

- id: <http://www.purl.org/ogit/officePhone>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Person](#)

### 2.3.0.55 ogit/phone

a phone number

- id: <http://www.purl.org/ogit/phone>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Organization](#)

### 2.3.0.56 ogit/fax

The number of a fax.

- id: <http://www.purl.org/ogit/fax>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Person](#)

### 2.3.0.57 ogit/type

Type of an an entity.

- id: <http://www.purl.org/ogit/type>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Attachment](#)
  - [ogit/Notification](#)

**2.3.0.58** `ogit/Automation/processingTimestamp`

Contains the timestamp indicating last time an aumation issue was processed.

- id: <http://www.purl.org/ogit/Automation/processingTimestamp>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

**2.3.0.59** `ogit/otherPhone`

The number of an other phone.

- id: <http://www.purl.org/ogit/otherPhone>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Person](#)

**2.3.0.60** `ogit/sourceTable`

Contains the source table, that stores where the data are coming from.

- id: <http://www.purl.org/ogit/sourceTable>
- valid-from: Thu Aug 20 00:00:00 UTC 2015
- creator: Aymen Ayoub

used

- optional:
  - [ogit/Attachment](#)

#### 2.3.0.61 ogit/creator

Creator of an entity.

- id: <http://www.purl.org/ogit/creator>
- valid-from: Thu Aug 20 00:00:00 UTC 2015
- creator: Aymen Ayoub

used

- optional:
  - [ogit/Attachment](#)
  - [ogit/Comment](#)

#### 2.3.0.62 ogit/message

Contains a message.

- id: <http://www.purl.org/ogit/message>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.63 ogit/webPage

A web page.

- id: <http://www.purl.org/ogit/webPage>
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Organization](#)
  - [ogit/Person](#)

**2.3.0.64** ogit/lastUpdatedAt

Defines latest date and time when a ticket or it's comment was updated. The format of this value could be according to ISO 8601.

- id: <http://www.purl.org/ogit/lastUpdatedAt>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Attachment](#)

**2.3.0.65** ogit/id

General id.

- id: <http://www.purl.org/ogit/id>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- mandatory:
  - [ogit/Forum/ShortId](#)
- optional:
  - [ogit/Attachment](#)
  - [ogit/Comment](#)

**2.3.0.66** ogit/creationTime

Creation time of an entity.

- id: <http://www.purl.org/ogit/creationTime>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)
  - [ogit/Automation/KnowledgeItem](#)
  - [ogit/Forum/KnowledgeItemHistory](#)

**2.3.0.67** ogit/subject

Contains the subject.

- id: <http://www.purl.org/ogit/subject>
- valid-from: Thu May 21 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

**2.3.0.68** ogit/Automation/parentIssue

Contains the ID of the issue which created this issue.

- id: <http://www.purl.org/ogit/Automation/parentIssue>
- valid-from: Sat Jun 01 00:00:00 UTC 2019
- creator: [cy@arago.co](mailto:cy@arago.co)

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

**2.3.0.69** ogit/size

The size, e.g. of a file.

- id: <http://www.purl.org/ogit/size>
- valid-from: Thu Mar 26 00:00:00 UTC 2015
- creator: arago Technologies

used

- optional:
  - [ogit/Attachment](#)

#### 2.3.0.70 ogit/firstOccurredAt

Defines the date of first occurrence of an event

- id: <http://www.purl.org/ogit/firstOccurredAt>
- valid-from: Wed Aug 03 00:00:00 UTC 2016
- creator: Philipp Pelchmann

used

- optional:
  - [ogit/Notification](#)

#### 2.3.0.71 ogit/position

Indicates user's position. This field contains a string value.

- id: <http://www.purl.org/ogit/position>
- valid-from: Tue Oct 18 00:00:00 UTC 2016
- creator: Arthur Shoba

used

- optional:
  - [ogit/Person](#)

#### 2.3.0.72 ogit/Automation/webhook

a http callback (<https://en.wikipedia.org/wiki/Webhook>)

- id: <http://www.purl.org/ogit/Automation/webhook>
- valid-from: Sat Jun 01 00:00:00 UTC 2019
- creator: arago GmbH

used

- optional:
  - [ogit/Automation/AutomationIssue](#)

#### 2.3.0.73 ogit/RL/state

Specifies the state of the issue for Reinforcement Learning.

- id: <http://www.purl.org/ogit/RL/state>
- valid-from: Thu Jan 02 00:00:00 UTC 2020
- creator: Rudi Schäfer

used

- optional:
  - [ogit/Automation/AutomationIssue](#)