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Auth

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September 26, 2019

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# Chapter 1

## Auth

### Overview

This is a graph system NTO governing authentication and authorization.

## Chapter 2

# Module Documentation

### 2.1 Entities

#### 2.1.0.1 ogit/Auth/Configuration

An ogit/Auth/Configuration reflects individual configuration for an organization registered in hiro knowledge core

- id: <http://www.purl.org/ogit/Auth/Configuration>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

#### outgoing edges

- [ogit/Auth/belongs](#) => [ogit/Auth/Organization](#)

#### 2.1.0.2 ogit/TermsAndConditions

Terms and conditions contains terms of use to be accepted by users

- id: <http://www.purl.org/ogit/TermsAndConditions>
- valid-from: Wed Apr 18 00:00:00 UTC 2018
- creator: Aman Kubanychbek
- scope: SGO
- parent: ogit/Node

**attributes**

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

**incoming edges**

- [ogit/accepts](#) <= [ogit/Auth/Account](#)

**2.1.0.3 ogit/Auth/Application**

An Application is used for authorization.

- id: <http://www.purl.org/ogit/Auth/Application>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: [ogit/Node](#)

**attributes**

- mandatory:
  - [ogit/Auth/edgeRule](#)
  - [ogit/Auth/vertexRule](#)
  - [ogit/description](#)
  - [ogit/name](#)
- optional:
  - [ogit/Auth/Application/parent](#)
  - [ogit/Auth/Application/status](#)
  - [ogit/Auth/Application/type](#)
  - [ogit/Auth/Application/urls](#)
  - [ogit/Auth/allowedTypes](#)

**incoming edges**

- [ogit/Auth/consents](#) <= [ogit/Auth/Account](#)
- [ogit/Auth/uses](#) <= [ogit/Auth/Account](#)
- [ogit/rates](#) <= [ogit/Rating](#)
- [ogit/reviews](#) <= [ogit/Auth/ApplicationReview](#)
- [ogit/versions](#) <= [ogit/Auth/Application](#)



## outgoing edges

- [ogit/includes](#) => [ogit/Notification](#)
- [ogit/versions](#) => [ogit/Auth/Application](#)

2.1.0.4 [ogit/Auth/AccountProfile](#)

A profile associated with an account.

- id: <http://www.purl.org/ogit/Auth/AccountProfile>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: [ogit/Node](#)

## attributes

- optional:
  - [ogit/Auth/Account/acceptedEmails](#)
  - [ogit/Auth/Account/displayName](#)
  - [ogit/firstName](#)
  - [ogit/lastName](#)

## incoming edges

- [ogit/belongs](#) <= [ogit/Attachment](#)

## outgoing edges

- [ogit/Auth/belongs](#) => [ogit/Auth/Account](#)

2.1.0.5 [ogit/Auth/Team](#)

A team is used to reflect the organizational structure of an [ogit/Auth/Organization](#)

- id: <http://www.purl.org/ogit/Auth/Team>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: [ogit/Node](#)

**attributes**

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

**incoming edges**

- [ogit/Auth/assigns](#) <= [ogit/Auth/RoleAssignment](#)
- [ogit/Auth/belongs](#) <= [ogit/Auth/Team](#)
- [ogit/Auth/isMemberOf](#) <= [ogit/Auth/Account](#)

**outgoing edges**

- [ogit/Auth/belongs](#) => [ogit/Auth/Team](#)
- [ogit/Auth/belongs](#) => [ogit/Auth/Organization](#)

**2.1.0.6 ogit/Auth/DataSet**

An ogit/Auth/DataSet defines set of data for authorization purposes

- id: <http://www.purl.org/ogit/Auth/DataSet>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
  - [ogit/Auth/edgeRule](#)
  - [ogit/Auth/vertexRule](#)
  - [ogit/name](#)
- optional:
  - [ogit/Auth/restricted](#)
  - [ogit/description](#)

**incoming edges**

- [ogit/Auth/assigns](#) <= [ogit/Auth/RoleAssignment](#)

### 2.1.0.7 ogit/Schedule/Attendee

An attendee of a calendar event.

- id: <http://www.purl.org/ogit/Schedule/Attendee>
- valid-from: Tue Jul 02 00:00:00 UTC 2019
- creator: Marek Meyer
- scope: NTO
- parent: ogit/Node

#### attributes

- mandatory:
  - [ogit/name](#)
- optional:
  - [ogit/Schedule/attendanceStatus](#)
  - [ogit/Schedule/isOrganizer](#)
  - [ogit/email](#)

#### outgoing edges

- [ogit/has](#) => [ogit/Auth/Account](#)

### 2.1.0.8 ogit/Contract

General definition of a contract. Usually used for IT service related contracts but at this level of detail it is not restricted to those.

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

#### attributes

- mandatory:
  - [ogit/name](#)
- optional:
  - [ogit/deadline](#)
  - [ogit/description](#)
  - [ogit/expirationDate](#)
  - [ogit/status](#)
  - [ogit/type](#)
  - [ogit/validFrom](#)
  - [ogit/validTo](#)

## incoming edges

- [ogit/concludes](#) <= [ogit/Auth/Organization](#)
- [ogit/supervises](#) <= [ogit/Auth/Account](#)

## 2.1.0.9 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/Auth/Account](#)

## 2.1.0.10 ogit/Auth/OrgDomain

Allows Customer to have multiple valid email domains

- id: <http://www.purl.org/ogit/Auth/OrgDomain>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

## attributes

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

## outgoing edges

- [ogit/Auth/belongs](#) => [ogit/Auth/Organization](#)

## 2.1.0.11 ogit/Subscription

A Subscription to an Event.

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

## attributes

- optional:
  - [ogit/name](#)
  - [ogit/sourceId](#)
  - [ogit/status](#)
  - [ogit/type](#)

## incoming edges

- [ogit/manages](#) <= [ogit/Auth/Account](#)

## 2.1.0.12 ogit/Survey/Iteration

Iteration of the same survey

- id: <http://www.purl.org/ogit/Survey/Iteration>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev
- scope: NTO
- parent: ogit/Node

## attributes

- optional:
  - [ogit/startedAt](#)
  - [ogit/status](#)

## incoming edges

- [ogit/consumes](#) <= [ogit/Auth/Organization](#)
- [ogit/produces](#) <= [ogit/Auth/Organization](#)
- [ogit/supports](#) <= [ogit/Auth/Organization](#)

## 2.1.0.13 ogit/Survey/Reply

User's reply on a survey

- id: <http://www.purl.org/ogit/Survey/Reply>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev
- scope: NTO
- parent: ogit/Node

## attributes

- optional:
  - [ogit/comment](#)
  - [ogit/question](#)

## incoming edges

- [ogit/repliedWith](#) <= [ogit/Auth/Account](#)

#### 2.1.0.14 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](#)

##### outgoing edges

- [ogit/belongs => ogit/Auth/AccountProfile](#)

#### 2.1.0.15 ogit/Auth/DataScope

An ogit/Auth/DataScope is used to separate data between different engine instances

- id: <http://www.purl.org/ogit/Auth/DataScope>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

**attributes**

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

**outgoing edges**

- [ogit/Auth/belongs](#) => [ogit/Auth/Organization](#)

**2.1.0.16 ogit/Auth/Account**

An account is used for authentication and authorization.

- id: <http://www.purl.org/ogit/Auth/Account>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
  - [ogit/Auth/Account/type](#)
  - [ogit/name](#)
  - [ogit/status](#)
- optional:
  - [ogit/Auth/Account/acceptedPrivacy](#)
  - [ogit/Auth/Account/acceptedProjectTerms](#)
  - [ogit/Auth/Account/acceptedTerms](#)
  - [ogit/Auth/Account/allowCookies](#)
  - [ogit/Auth/Account/statusReason](#)
  - [ogit/email](#)

**incoming edges**

- [ogit/Auth/belongs](#) <= [ogit/Auth/AccountProfile](#)
- [ogit/alerts](#) <= [ogit/Event](#)
- [ogit/belongs](#) <= [ogit/Schedule/Calendar](#)
- [ogit/has](#) <= [ogit/HR/Recruiting/Recruiter](#)
- [ogit/has](#) <= [ogit/Schedule/Attendee](#)



## outgoing edges

- [ogit/Auth/assumes](#) => [ogit/Auth/Role](#)
- [ogit/Auth/consents](#) => [ogit/Auth/Application](#)
- [ogit/Auth/isMemberOf](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/isMemberOf](#) => [ogit/Auth/Team](#)
- [ogit/Auth/uses](#) => [ogit/Auth/Application](#)
- [ogit/accepts](#) => [ogit/TermsAndConditions](#)
- [ogit/belongs](#) => [ogit/Person](#)
- [ogit/consumes](#) => [ogit/Project/Milestone](#)
- [ogit/consumes](#) => [ogit/Project/Project](#)
- [ogit/creates](#) => [ogit/Auth/ApplicationReview](#)
- [ogit/defines](#) => [ogit/UserMeta/Filter](#)
- [ogit/manages](#) => [ogit/Subscription](#)
- [ogit/produces](#) => [ogit/Project/Milestone](#)
- [ogit/produces](#) => [ogit/Project/Project](#)
- [ogit/provides](#) => [ogit/Rating](#)
- [ogit/repliedWith](#) => [ogit/Survey/Reply](#)
- [ogit/supervises](#) => [ogit/Project/Project](#)
- [ogit/supervises](#) => [ogit/Contract](#)
- [ogit/supports](#) => [ogit/Project/Milestone](#)
- [ogit/supports](#) => [ogit/Project/Project](#)

2.1.0.17 [ogit/Schedule/Calendar](#)

A calendar containing events.

- id: <http://www.purl.org/ogit/Schedule/Calendar>
- valid-from: Tue Jul 02 00:00:00 UTC 2019
- creator: Marek Meyer
- scope: NTO
- parent: [ogit/Node](#)

## attributes

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

## outgoing edges

- [ogit/belongs](#) => [ogit/Auth/Account](#)

## 2.1.0.18 ogit/HR/Recruiting/Recruiter

One who recruits

- id: <http://www.purl.org/ogit/HR/Recruiting/Recruiter>
- valid-from: Thu Mar 21 00:00:00 UTC 2019
- creator: Florian Fluegel
- scope: NTO
- parent: ogit/Node

## outgoing edges

- [ogit/has](#) => [ogit/Auth/Account](#)

## 2.1.0.19 ogit/Auth/RoleAssignment

An ogit/Auth/RoleAssignment links team, role, and dataset to grant permissions

- id: <http://www.purl.org/ogit/Auth/RoleAssignment>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

## outgoing edges

- [ogit/Auth/assigns](#) => [ogit/Auth/Role](#)
- [ogit/Auth/assigns](#) => [ogit/Auth/Team](#)
- [ogit/Auth/assigns](#) => [ogit/Auth/DataSet](#)
- [ogit/Auth/belongs](#) => [ogit/Auth/Organization](#)

## 2.1.0.20 ogit/Project/Milestone

An identity that represents an important event, achievement, ...

- id: <http://www.purl.org/ogit/Project/Milestone>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Arthur Shoba
- scope: NTO
- parent: ogit/Node

**attributes**

- optional:
  - [ogit/category](#)
  - [ogit/finishedAt](#)
  - [ogit/plannedFinishDate](#)
  - [ogit/plannedStartDate](#)
  - [ogit/startedAt](#)
  - [ogit/status](#)
  - [ogit/title](#)

**incoming edges**

- [ogit/consumes](#) <= [ogit/Auth/Account](#)
- [ogit/produces](#) <= [ogit/Auth/Account](#)
- [ogit/supports](#) <= [ogit/Auth/Account](#)

**2.1.0.21 ogit/Rating**

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

- id: <http://www.purl.org/ogit/Rating>
- valid-from: Wed Aug 01 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)
- scope: SGO
- parent: ogit/Node

**attributes**

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

**incoming edges**

- [ogit/provides](#) <= [ogit/Auth/Account](#)

**outgoing edges**

- [ogit/rates](#) => [ogit/Auth/Application](#)

## 2.1.0.22 ogit/Auth/Role

An Role is used for authorization.

- id: <http://www.purl.org/ogit/Auth/Role>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

## attributes

- mandatory:
  - [ogit/Auth/edgeRule](#)
  - [ogit/Auth/vertexRule](#)
  - [ogit/name](#)
- optional:
  - [ogit/description](#)

## incoming edges

- [ogit/Auth/assigns](#) <= [ogit/Auth/RoleAssignment](#)
- [ogit/Auth/assumes](#) <= [ogit/Auth/Account](#)

## 2.1.0.23 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](mailto: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/includes](#) <= [ogit/Auth/Application](#)

**2.1.0.24 ogit/UserMeta/Filter**

A filter set by user, indicating preferences

- id: <http://www.purl.org/ogit/UserMeta/Filter>
- valid-from: Tue Jul 19 00:00:00 UTC 2016
- creator: [stravlos@arago.de](mailto:stravlos@arago.de)
- scope: NTO
- parent: ogit/Node

**attributes**

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

**incoming edges**

- [ogit/defines](#) <= [ogit/Auth/Account](#)

## 2.1.0.25 ogit/Auth/ApplicationReview

Represents an application review

- id: <http://www.purl.org/ogit/Auth/ApplicationReview>
- valid-from: Fri May 18 00:00:00 UTC 2018
- creator: Mikhail Osher
- scope: NTO
- parent: ogit/Node

## attributes

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

## incoming edges

- [ogit/creates](#) <= [ogit/Auth/Account](#)

## outgoing edges

- [ogit/reviews](#) => [ogit/Auth/Application](#)

## 2.1.0.26 ogit/Auth/Organization

An ogit/Auth/Organization reflects a real world organization registered in hiro knowledge core

- id: <http://www.purl.org/ogit/Auth/Organization>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH
- scope: NTO
- parent: ogit/Node

## attributes

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

## incoming edges

- `ogit/Auth/belongs`  $\leq$  `ogit/Auth/Configuration`
- `ogit/Auth/belongs`  $\leq$  `ogit/Auth/DataScope`
- `ogit/Auth/belongs`  $\leq$  `ogit/Auth/OrgDomain`
- `ogit/Auth/belongs`  $\leq$  `ogit/Auth/RoleAssignment`
- `ogit/Auth/belongs`  $\leq$  `ogit/Auth/Team`
- `ogit/Auth/isMemberOf`  $\leq$  `ogit/Auth/Account`

## outgoing edges

- `ogit/concludes`  $\Rightarrow$  `ogit/Contract`
- `ogit/consumes`  $\Rightarrow$  `ogit/Project/Project`
- `ogit/consumes`  $\Rightarrow$  `ogit/Survey/Iteration`
- `ogit/generates`  $\Rightarrow$  `ogit/Timeseries`
- `ogit/produces`  $\Rightarrow$  `ogit/Project/Project`
- `ogit/produces`  $\Rightarrow$  `ogit/Survey/Iteration`
- `ogit/supports`  $\Rightarrow$  `ogit/Project/Project`
- `ogit/supports`  $\Rightarrow$  `ogit/Survey/Iteration`

## 2.1.0.27 ogit/Event

This entity defines any type of event records, e.g. ITSM/produced by event management systems, Business Process etc.

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

## attributes

- mandatory:
  - [ogit/id](#)
  - [ogit/name](#)
- optional:
  - [ogit/ServiceManagement/reportedSource](#)
  - [ogit/acknowledgeState](#)
  - [ogit/category](#)
  - [ogit/certainty](#)
  - [ogit/description](#)
  - [ogit/expiresAt](#)
  - [ogit/firstOccurredAt](#)
  - [ogit/impact](#)
  - [ogit/instance](#)
  - [ogit/isRoot](#)
  - [ogit/lastClearedAt](#)
  - [ogit/lastOccurredAt](#)
  - [ogit/lastUpdatedAt](#)
  - [ogit/maintenanceState](#)
  - [ogit/occurenceCount](#)
  - [ogit/openedAt](#)
  - [ogit/priority](#)
  - [ogit/resource](#)
  - [ogit/severity](#)
  - [ogit/sourceId](#)
  - [ogit/status](#)
  - [ogit/summary](#)
  - [ogit/type](#)

## outgoing edges

- [ogit/alerts](#) => [ogit/Auth/Account](#)

2.1.0.28 [ogit/Project/Project](#)

An identity that represents a grouping of Person, Milestone objects.

- id: <http://www.purl.org/ogit/Project/Project>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Arthur Shoba
- scope: NTO
- parent: [ogit/Node](#)



**attributes**

- optional:
  - [ogit/category](#)
  - [ogit/finishedAt](#)
  - [ogit/placement](#)
  - [ogit/plannedFinishDate](#)
  - [ogit/plannedStartDate](#)
  - [ogit/startedAt](#)
  - [ogit/status](#)
  - [ogit/title](#)

**incoming edges**

- [ogit/consumes](#) <= [ogit/Auth/Account](#)
- [ogit/consumes](#) <= [ogit/Auth/Organization](#)
- [ogit/produces](#) <= [ogit/Auth/Account](#)
- [ogit/produces](#) <= [ogit/Auth/Organization](#)
- [ogit/supervises](#) <= [ogit/Auth/Account](#)
- [ogit/supports](#) <= [ogit/Auth/Account](#)
- [ogit/supports](#) <= [ogit/Auth/Organization](#)

**2.1.0.29 ogit/Timeseries**

A time series is a sequence of data points, measured typically at successive points in time spaced at uniform time intervals.

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

**attributes**

- optional:
  - [ogit/description](#)
  - [ogit/instance](#)
  - [ogit/isMutable](#)
  - [ogit/name](#)
  - [ogit/unit](#)

**incoming edges**

- [ogit/generates](#) <= [ogit/Auth/Organization](#)

## 2.2 Verbs

### 2.2.0.1 ogit/manages

This relationship indicates that one entity manages some other.

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

#### Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Subscription](#)

### 2.2.0.2 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/Auth/Account](#) => [ogit/UserMeta/Filter](#)

### 2.2.0.3 ogit/Auth/belongs

Denotes a relationship between two vertices in the Auth domain.

- id: <http://www.purl.org/ogit/Auth/belongs>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

#### Allowed Connection

- [ogit/Auth/AccountProfile](#) => [ogit/Auth/Account](#)
- [ogit/Auth/Configuration](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/DataScope](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/OrgDomain](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/RoleAssignment](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/Team](#) => [ogit/Auth/Team](#)
- [ogit/Auth/Team](#) => [ogit/Auth/Organization](#)

#### 2.2.0.4 ogit/concludes

Verb showing if a legal entity concludes something (e.g. Contract).

- id: <http://www.purl.org/ogit/concludes>
- valid-from: Thu Jun 18 00:00:00 UTC 2015
- creator: Peter Larem

##### Allowed Connection

- [ogit/Auth/Organization](#) => [ogit/Contract](#)

#### 2.2.0.5 ogit/supports

This relationship defines that one entity provides/supports another entity.

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

##### Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Project/Milestone](#)
- [ogit/Auth/Account](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Survey/Iteration](#)

#### 2.2.0.6 ogit/supervises

Indicates if an entity supervises another entity. E.g. a Person supervises a Ticket or a Task.

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

##### Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Project/Project](#)
- [ogit/Auth/Account](#) => [ogit/Contract](#)

### 2.2.0.7 ogit/generates

Verb indicating if an entity generates another entity.

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

#### Allowed Connection

- [ogit/Auth/Organization](#) => [ogit/Timeseries](#)

### 2.2.0.8 ogit/consumes

This relationship indicates that one consumes result of work from another.

- id: <http://www.purl.org/ogit/consumes>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

#### Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Project/Milestone](#)
- [ogit/Auth/Account](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Survey/Iteration](#)

### 2.2.0.9 ogit/includes

Indicates if an entity includes something else.

- id: <http://www.purl.org/ogit/includes>
- valid-from: Thu Jul 05 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

#### Allowed Connection

- [ogit/Auth/Application](#) => [ogit/Notification](#)

### 2.2.0.10 ogit/Auth/assumes

Denotes membership of an account in a group.

- id: <http://www.purl.org/ogit/Auth/assumes>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

#### Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Auth/Role](#)

### 2.2.0.11 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/Auth/Account](#) => [ogit/TermsAndConditions](#)

### 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/Auth/Account](#) => [ogit/Auth/ApplicationReview](#)

### 2.2.0.13 ogit/Auth/consents

Denotes consent to an Application.

- id: <http://www.purl.org/ogit/Auth/consents>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

**Allowed Connection**

- [ogit/Auth/Account](#) => [ogit/Auth/Application](#)

**2.2.0.14 ogit/Auth/assigns**

Denotes assignments to a RoleAssignment.

- id: <http://www.purl.org/ogit/Auth/assigns>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

**Allowed Connection**

- [ogit/Auth/RoleAssignment](#) => [ogit/Auth/Role](#)
- [ogit/Auth/RoleAssignment](#) => [ogit/Auth/Team](#)
- [ogit/Auth/RoleAssignment](#) => [ogit/Auth/DataSet](#)

**2.2.0.15 ogit/rates**

This verb represents the `Rating` between two nodes

- id: <http://www.purl.org/ogit/rates>
- valid-from: Wed Aug 01 00:00:00 UTC 2018
- creator: [qikram@arago.de](mailto:qikram@arago.de)

**Allowed Connection**

- [ogit/Rating](#) => [ogit/Auth/Application](#)

**2.2.0.16 ogit/alerts**

Verb showing if one entity alerts another.

- id: <http://www.purl.org/ogit/alerts>
- valid-from: Wed Oct 26 00:00:00 UTC 2016
- creator: [stravlos@arago.co](mailto:stravlos@arago.co)

**Allowed Connection**

- [ogit/Event](#) => [ogit/Auth/Account](#)

## 2.2.0.17 ogit/versions

The version of a node. This verb is generated internally.

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

## Allowed Connection

- [ogit/Auth/Application](#) => [ogit/Auth/Application](#)

## 2.2.0.18 ogit/reviews

One entity reviews another

- id: <http://www.purl.org/ogit/reviews>
- valid-from: Fri Jul 13 00:00:00 UTC 2018
- creator: Mikhail Osher

## Allowed Connection

- [ogit/Auth/ApplicationReview](#) => [ogit/Auth/Application](#)

## 2.2.0.19 ogit/provides

Verb showing if one entity provides something to another.

- id: <http://www.purl.org/ogit/provides>
- valid-from: Fri Jul 24 00:00:00 UTC 2015
- creator: Aymen Ayoub

## Allowed Connection

- [ogit/Auth/Account](#) => [ogit/Rating](#)

## 2.2.0.20 ogit/produces

This relationship indicates that one produces some work for another.

- id: <http://www.purl.org/ogit/produces>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

**Allowed Connection**

- [ogit/Auth/Account](#) => [ogit/Project/Milestone](#)
- [ogit/Auth/Account](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Project/Project](#)
- [ogit/Auth/Organization](#) => [ogit/Survey/Iteration](#)

**2.2.0.21 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/Auth/Account](#) => [ogit/Person](#)
- [ogit/Schedule/Calendar](#) => [ogit/Auth/Account](#)
- [ogit/Attachment](#) => [ogit/Auth/AccountProfile](#)

**2.2.0.22 ogit/Auth/isMemberOf**

Denotes membership of an account in a group.

- id: <http://www.purl.org/ogit/Auth/isMemberOf>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

**Allowed Connection**

- [ogit/Auth/Account](#) => [ogit/Auth/Organization](#)
- [ogit/Auth/Account](#) => [ogit/Auth/Team](#)

**2.2.0.23 ogit/Auth/uses**

Denotes use of an Application.

- id: <http://www.purl.org/ogit/Auth/uses>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH



**Allowed Connection**

- [ogit/Auth/Account](#) => [ogit/Auth/Application](#)

**2.2.0.24 ogit/repliedWith**

This relationship indicates that user replied with something.

- id: <http://www.purl.org/ogit/repliedWith>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

**Allowed Connection**

- [ogit/Auth/Account](#) => [ogit/Survey/Reply](#)

**2.2.0.25 ogit/has**

Indicates if an entity has another entity.

- id: <http://www.purl.org/ogit/has>
- valid-from: Thu Mar 28 00:00:00 UTC 2019
- creator: Kaushik Gondaliya

**Allowed Connection**

- [ogit/HR/Recruiting/Recruiter](#) => [ogit/Auth/Account](#)
- [ogit/Schedule/Attendee](#) => [ogit/Auth/Account](#)

## 2.3 Attributes

### 2.3.0.1 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: [gikram@arago.de](mailto:gikram@arago.de)

used

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

### 2.3.0.2 ogit/certainty

Defines the certainty of an event

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

used

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

### 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/Event](#)
  - [ogit/Notification](#)
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)

#### 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/comment

Contains a comment.

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

used

- optional:
  - [ogit/Auth/ApplicationReview](#)
  - [ogit/Rating](#)
  - [ogit/Survey/Reply](#)

#### 2.3.0.6 ogit/Auth/allowedTypes

Allowed types for authorization

- id: <http://www.purl.org/ogit/Auth/allowedTypes>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Application](#)

### 2.3.0.7 ogit/Auth/Application/urls

URL of an application

- id: <http://www.purl.org/ogit/Auth/Application/urls>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Application](#)

### 2.3.0.8 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/Auth/Account](#)
  - [ogit/Person](#)
  - [ogit/Schedule/Attendee](#)

### 2.3.0.9 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](#)

#### 2.3.0.10 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](#)

#### 2.3.0.11 ogit/question

Contains a question.

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

used

- optional:
  - [ogit/Survey/Reply](#)

#### 2.3.0.12 ogit/maintenanceState

Defines the state of maintenance.

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

used

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

#### 2.3.0.13 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](#)

#### 2.3.0.14 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/Event](#)
  - [ogit/Notification](#)
  - [ogit/Person](#)
  - [ogit/Subscription](#)

#### 2.3.0.15 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

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

**2.3.0.16** ogit/Auth/edgeRule

Contains jfilter expression for the allowed edge operations

- id: <http://www.purl.org/ogit/Auth/edgeRule>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- mandatory:
  - [ogit/Auth/Application](#)
  - [ogit/Auth/DataSet](#)
  - [ogit/Auth/Role](#)

**2.3.0.17** ogit/Schedule/isOrganizer

Boolean indicating whether an attendee is the organizer of a calendar event.

- id: <http://www.purl.org/ogit/Schedule/isOrganizer>
- valid-from: Tue Jul 02 00:00:00 UTC 2019
- creator: Marek Meyer

used

- optional:
  - [ogit/Schedule/Attendee](#)

**2.3.0.18** 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](#)

#### 2.3.0.19 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/Event](#)
  - [ogit/Notification](#)

#### 2.3.0.20 ogit/startedAt

Defines a point in time when the work on a change, task, or similar entity was actually started. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- optional:
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)
  - [ogit/Survey/Iteration](#)

#### 2.3.0.21 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/Rating](#)



## 2.3.0.22 ogit/unit

Unit of measurement of some value.

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

used

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

## 2.3.0.23 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

- mandatory:
  - [ogit/Auth/Account](#)
  - [ogit/Auth/ApplicationReview](#)
- optional:
  - [ogit/Auth/Organization](#)
  - [ogit/Contract](#)
  - [ogit/Event](#)
  - [ogit/Person](#)
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)
  - [ogit/Subscription](#)
  - [ogit/Survey/Iteration](#)

#### 2.3.0.24 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](#)

#### 2.3.0.25 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/Auth/AccountProfile](#)
  - [ogit/Person](#)

#### 2.3.0.26 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/Event](#)
  - [ogit/Notification](#)

### 2.3.0.27 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](#)

### 2.3.0.28 ogit/resource

Defines the name of an resource on an instance e.g. disk or database.

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

used

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

### 2.3.0.29 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](#)

#### 2.3.0.30 ogit/Auth/vertexRule

Contains jfilter expression for the allowed vertex operations

- id: <http://www.purl.org/ogit/Auth/vertexRule>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- mandatory:
  - [ogit/Auth/Application](#)
  - [ogit/Auth/DataSet](#)
  - [ogit/Auth/Role](#)

#### 2.3.0.31 ogit/Auth/\_iam-domain

IAM Domain of an entity

- id: [http://www.purl.org/ogit/Auth/\\_iam-domain](http://www.purl.org/ogit/Auth/_iam-domain)
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

#### 2.3.0.32 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/Event](#)
  - [ogit/Notification](#)

### 2.3.0.33 ogit/plannedFinishDate

Defines the date when something will be finished.

- id: <http://www.purl.org/ogit/plannedFinishDate>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

used

- optional:
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)

### 2.3.0.34 ogit/Auth/Account/statusReason

Status Reason of an ogit/Auth/Account

- id: <http://www.purl.org/ogit/Auth/Account/statusReason>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Account](#)

### 2.3.0.35 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/Auth/AccountProfile](#)
  - [ogit/Person](#)

#### 2.3.0.36 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/Auth/ApplicationReview](#)
- optional:
  - [ogit/Person](#)
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)
  - [ogit/Schedule/Calendar](#)

#### 2.3.0.37 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/TermsAndConditions](#)
  - [ogit/UserMeta/Filter](#)
- optional:
  - [ogit/Attachment](#)

#### 2.3.0.38 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/Event](#)
  - [ogit/Notification](#)

### 2.3.0.39 ogit/isInternal

Boolean which can define internal data. The actual semantics depends on the usage context

- id: <http://www.purl.org/ogit/isInternal>
- valid-from: Fri Feb 01 00:00:00 UTC 2019
- creator: FCO

used

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

### 2.3.0.40 ogit/Auth/Application/parent

Parent of an application

- id: <http://www.purl.org/ogit/Auth/Application/parent>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Application](#)

### 2.3.0.41 ogit/Auth/Account/displayName

Display name of an account

- id: <http://www.purl.org/ogit/Auth/Account/displayName>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/AccountProfile](#)

2.3.0.42 `ogit/Auth/Account/type`

Type of an account. Values: person, application

- id: <http://www.purl.org/ogit/Auth/Account/type>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- mandatory:
  - [ogit/Auth/Account](#)

2.3.0.43 `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/Auth/Account](#)
  - [ogit/Auth/Application](#)
  - [ogit/Auth/DataScope](#)
  - [ogit/Auth/DataSet](#)
  - [ogit/Auth/OrgDomain](#)
  - [ogit/Auth/Organization](#)
  - [ogit/Auth/Role](#)
  - [ogit/Auth/Team](#)
  - [ogit/Contract](#)
  - [ogit/Event](#)
  - [ogit/Schedule/Attendee](#)
  - [ogit/TermsAndConditions](#)
  - [ogit/UserMeta/Filter](#)
- optional:
  - [ogit/Attachment](#)
  - [ogit/Subscription](#)
  - [ogit/Timeseries](#)



#### 2.3.0.44 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/Auth/Application](#)
- optional:
  - [ogit/Auth/DataScope](#)
  - [ogit/Auth/DataSet](#)
  - [ogit/Auth/Role](#)
  - [ogit/Auth/Team](#)
  - [ogit/Contract](#)
  - [ogit/Event](#)
  - [ogit/Notification](#)
  - [ogit/Schedule/Calendar](#)
  - [ogit/TermsAndConditions](#)
  - [ogit/Timeseries](#)

#### 2.3.0.45 ogit/placement

A place where the object is placed.

- id: <http://www.purl.org/ogit/placement>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

used

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

#### 2.3.0.46 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](#)

#### 2.3.0.47 ogit/Auth/Account/acceptedProjectTerms

Flag about whether HIRO Project terms were accepted

- id: <http://www.purl.org/ogit/Auth/Account/acceptedProjectTerms>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Account](#)

#### 2.3.0.48 ogit/finishedAt

Defines a point in time when the work on a change, task, or similar entity was actually finished. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- optional:
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)

#### 2.3.0.49 ogit/Auth/Account/acceptedTerms

Flag about whether usage terms were accepted

- id: <http://www.purl.org/ogit/Auth/Account/acceptedTerms>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Account](#)

#### 2.3.0.50 ogit/impact

Will contain the impact, for example of a ticket. In this case the actual semantics would depend on the ticket type, which could correspond to an Incident, Service Request, etc.

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

used

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

#### 2.3.0.51 ogit/plannedStartDate

Defines the date when something will be started.

- id: <http://www.purl.org/ogit/plannedStartDate>
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

used

- optional:
  - [ogit/Project/Milestone](#)
  - [ogit/Project/Project](#)

**2.3.0.52** `ogit/Auth/Account/acceptedEmails`

Flag about whether emails were accepted

- id: <http://www.purl.org/ogit/Auth/Account/acceptedEmails>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/AccountProfile](#)

**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/isRoot`

Defines if an event is root.

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

used

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

### 2.3.0.55 ogit/openedAt

Time when a ticket or task was created/opened. The values could combine date and time with time zone designator according to ISO 8601 for service management tickets. For most tickets there is no real difference between creation and opened time. In case such a distinction is relevant the "createdAt" attribute can be used.

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

used

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

### 2.3.0.56 ogit/expirationDate

Defines a point in time when something becomes invalid the format is described at <http://purl.org/goodrelations/v1#validThrough>

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

used

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

### 2.3.0.57 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](#)

#### 2.3.0.58 ogit/acknowledgeState

Defines the state of acknowledgement.

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

used

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

#### 2.3.0.59 ogit/deadline

Defines a point in time when a deadline is reached.

- id: <http://www.purl.org/ogit/deadline>
- valid-from: Mon Dec 19 00:00:00 UTC 2016
- creator: [stravlos@arago.co](mailto:stravlos@arago.co)

used

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

#### 2.3.0.60 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](#)

## 2.3.0.61 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/Contract](#)
  - [ogit/Event](#)
  - [ogit/Notification](#)
  - [ogit/Subscription](#)

## 2.3.0.62 ogit/Auth/Account/allowCookies

Flag about whether cookies are allowed

- id: <http://www.purl.org/ogit/Auth/Account/allowCookies>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Account](#)

## 2.3.0.63 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](#)

**2.3.0.64** `ogit/Auth/Application/type`

Type of an application

- id: <http://www.purl.org/ogit/Auth/Application/type>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Application](#)

**2.3.0.65** `ogit/isMutable`

True if the value can be changed. E.g. after a service is provisioned.

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

used

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

**2.3.0.66** `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](#)



**2.3.0.67 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](#)

**2.3.0.68 ogit/subType**

A subtype of an an entity.

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

used

- optional:
  - [ogit/Schedule/Calendar](#)

**2.3.0.69 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](#)

#### 2.3.0.70 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/Person](#)

#### 2.3.0.71 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](#)
  - [ogit/Event](#)

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

### 2.3.0.73 ogit/Auth/Account/acceptedPrivacy

Flag about whether privacy terms were accepted

- id: <http://www.purl.org/ogit/Auth/Account/acceptedPrivacy>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Account](#)

### 2.3.0.74 ogit/occurenceCount

Defines the number an event occurred.

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

used

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

### 2.3.0.75 ogit/summary

A summary/short description, for example of a ticket.

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

used

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

**2.3.0.76** `ogit/lastClearedAt`

Defines the date an event has been cleared.

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

used

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

**2.3.0.77** `ogit/Schedule/attendanceStatus`

Status of event attendance.

- id: <http://www.purl.org/ogit/Schedule/attendanceStatus>
- valid-from: Tue Jul 02 00:00:00 UTC 2019
- creator: Marek Meyer

used

- optional:
  - [ogit/Schedule/Attendee](#)

**2.3.0.78** `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](#)

**2.3.0.79** `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/Event](#)
  - [ogit/Notification](#)

**2.3.0.80** `ogit/validFrom`

Defines a point in time when something becomes valid.

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

used

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

**2.3.0.81** `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](#)

#### 2.3.0.82 `ogit/ServiceManagement/reportedSource`

Can be used to define how a ticket was communicated. It could define some kind of communication channel ("↔ ServiceDesk", "Email") or, e.g. for Incident records, it might define that the ticket was produced automatically from an event management system.

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

used

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

#### 2.3.0.83 `ogit/instance`

Defines the name of an instance.

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

used

- optional:
  - [ogit/Event](#)
  - [ogit/Timeseries](#)

#### 2.3.0.84 `ogit/Auth/restricted`

Contains flag about whether Auth/DataSet is restricted

- id: <http://www.purl.org/ogit/Auth/restricted>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/DataSet](#)

**2.3.0.85** `ogit/validTo`

Defines a point in time when something stops being valid.

- id: <http://www.purl.org/ogit/validTo>
- valid-from: Tue Nov 29 00:00:00 UTC 2016
- creator: [stravlos@arago.co](mailto:stravlos@arago.co)

used

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

**2.3.0.86** `ogit/Auth/Application/status`

Status of an application

- id: <http://www.purl.org/ogit/Auth/Application/status>
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

used

- optional:
  - [ogit/Auth/Application](#)