# Auth

July 10, 2019

# 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/Software

Vertices of this type are the 'S'-nodes in the MARS model. 'S' stands for 'Software' and those nodes form the second lowest layer in the A-R-S-M layer model. It's up to the user whether it will model a specific instance of a software (linked to just one 'Machine' node) or several identical instances (then the 'Software' node will be linked to several 'Machine' nodes

- id: http://www.purl.org/ogit/Auth/Software
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: FCO
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
    - ogit/MARS/Software/class
    - ogit/MARS/Software/subClass
    - ogit/name
- optional:
    - ogit/Automation/automationState
    - ogit/Automation/lifecycle
    - ogit/Automation/marsNodeType
    - ogit/Automation/serviceStatus
    - ogit/MARS/Network/bindAddress
    - ogit/MARS/Network/port
    - ogit/MARS/Network/protocol
    - ogit/MARS/Software/installPath

- ogit/MARS/Software/installPath
- ogit/MARS/Software/instanceId
- ogit/MARS/Software/logPath
- ogit/MARS/Software/serviceName
- ogit/Version/major
- ogit/Version/minor
- ogit/Version/patch
- ogit/endOfWarranty
- ogit/serialNumber
- ogit/url
- ogit/vendor

**incoming edges**

- ogit/dependsOn <= ogit/Auth/Resource

**outgoing edges**

- ogit/dependsOn => ogit/Auth/Machine
- ogit/generates => ogit/Data/Log
- ogit/generates => ogit/Timeseries

#### 2.1.0.2 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

#### 2.1.0.3 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

**2.1.0.4 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/belongs <= ogit/SalesDistribution/Customer

- 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

**2.1.0.5 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

**2.1.0.6 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

### 2.1.0.7 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

##### 2.1.0.8 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

##### 2.1.0.9 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

### 2.1.0.10 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/Auth/Account

### 2.1.0.11 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

### 2.1.0.12 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
- scope: SGO
- parent: ogit/Node

**attributes**

- optional:
    - ogit/name
    - ogit/sourceId
    - ogit/status
    - ogit/type

**incoming edges**

- ogit/manages <= ogit/Auth/Account

**2.1.0.13    ogit/Auth/Machine**

Vertices of this type are the 'M'-nodes in the MARS model. 'M' stands for 'Machine' and those nodes form the bottom layer in the A-R-S-M layer model. But to be precise a 'Machine' node models any operation system instance (regardless whether running on bare metal or in some virtualized environment)

- id: http://www.purl.org/ogit/Auth/Machine

- valid-from: Fri Jun 01 00:00:00 UTC 2018

- creator: FCO

- scope: NTO

- parent: ogit/Node

**attributes**

- mandatory:

    - ogit/MARS/Machine/class
    - ogit/name

- optional:

    - ogit/Automation/automationState
    - ogit/Automation/lifecycle
    - ogit/Automation/marsNodeType
    - ogit/Automation/serviceStatus
    - ogit/MARS/Machine/cpuArch
    - ogit/MARS/Machine/distroName
    - ogit/MARS/Machine/kernel
    - ogit/MARS/Machine/ram
    - ogit/MARS/Network/defaultGateway
    - ogit/MARS/Network/fqdn
    - ogit/MARS/Network/interfaceIP
    - ogit/MARS/Network/interfaceMAC
    - ogit/MARS/Network/interfaceName
    - ogit/MARS/Network/interfacePrefixLength
    - ogit/MARS/Network/ipVersion
    - ogit/Version/major
    - ogit/Version/minor
    - ogit/Version/patch
    - ogit/endOfWarranty
    - ogit/serialNumber
    - ogit/vendor

**incoming edges**

- ogit/dependsOn $<=$ ogit/Auth/Software

**outgoing edges**

- ogit/contains => ogit/Network/NetworkInterface

- ogit/generates => ogit/Data/Log

- ogit/generates => ogit/Timeseries

### 2.1.0.14 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

### 2.1.0.15 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

**2.1.0.16 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

### 2.1.0.17 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

### 2.1.0.18 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

### 2.1.0.19 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*

### 2.1.0.20   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*

### 2.1.0.21   ogit/Auth/Resource

Vertices of this type are the 'R'-nodes in the MARS model. 'R' stands for 'Resource' and those nodes form the second highest layer in the A-R-S-M layer model. A 'Resource' node groups 'Software' nodes. It's up the user whether this grouping is used to to group software instance of the same software (e.g. all instances of an Oracle RAC) or software instance of different softwares (functional grouping, e.g. 'persistence')

- id: http://www.purl.org/ogit/Auth/Resource
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: FCO
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
    - ogit/MARS/Resource/class
    - ogit/name
- optional:
    - ogit/Automation/automationState
    - ogit/Automation/lifecycle
    - ogit/Automation/marsNodeType
    - ogit/Automation/serviceStatus
    - ogit/url

**outgoing edges**

- ogit/dependsOn => ogit/Auth/Software
- ogit/generates => ogit/Data/Log
- ogit/generates => ogit/Timeseries
- ogit/uses => ogit/Automation/Configuration

### 2.1.0.22 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

### 2.1.0.23 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

### 2.1.0.24 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
- 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

**2.1.0.25   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

**2.1.0.26   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/includes* <= *ogit/Auth/Application*

### 2.1.0.27   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`
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
    - *ogit/content*
    - *ogit/name*

**incoming edges**

- *ogit/defines* <= *ogit/Auth/Account*

### 2.1.0.28 ogit/Data/Log

This entity defines a log. It used to store a sequence of log records

- id: <http://www.purl.org/ogit/Data/Log>

- valid-from: Wed Jun 14 00:00:00 UTC 2017

- creator: stravlos@arago.de

- scope: NTO

- parent: ogit/Node

**attributes**

- optional:

    - ogit/Data/timeToLive

    - ogit/description

    - ogit/name

**incoming edges**

- ogit/generates <= ogit/Auth/Machine

- ogit/generates <= ogit/Auth/Resource

- ogit/generates <= ogit/Auth/Software

### 2.1.0.29 ogit/Network/NetworkInterface

Logical or physical network interface.

- id: <http://www.purl.org/ogit/Network/NetworkInterface>

- valid-from: Thu May 21 00:00:00 UTC 2015

- creator: Peter Larem

- scope: NTO

- parent: ogit/Node

**attributes**

- optional:

    - ogit/id

**incoming edges**

- ogit/contains <= ogit/Auth/Machine

### 2.1.0.30 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

### 2.1.0.31 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

**incoming edges**

- ogit/Auth/belongs $<=$ ogit/Auth/Configuration

- ogit/Auth/belongs $<=$ ogit/Auth/DataScope

- ogit/Auth/belongs $<=$ ogit/Auth/OrgDomain

- ogit/Auth/belongs $<=$ ogit/Auth/RoleAssignment

- ogit/Auth/belongs $<=$ ogit/Auth/Team

- ogit/Auth/isMemberOf $<=$ ogit/Auth/Account

**outgoing edges**

- ogit/concludes $=>$ ogit/Contract

- ogit/consumes $=>$ ogit/Project/Project

- ogit/consumes $=>$ ogit/Survey/Iteration

- ogit/generates $=>$ ogit/Timeseries

- ogit/produces $=>$ ogit/Project/Project

- ogit/produces $=>$ ogit/Survey/Iteration

- ogit/supports $=>$ ogit/Project/Project

- ogit/supports $=>$ ogit/Survey/Iteration

### 2.1.0.32 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

**2.1.0.33   ogit/Automation/Configuration**

Configuration node to dynamically connect Knowledge Pools or Rankings to a HIRO installation.

- id: `http://www.purl.org/ogit/Automation/Configuration`
- valid-from: Wed Apr 25 00:00:00 UTC 2018
- creator: `cy@arago.de`
- scope: NTO
- parent: ogit/Node

**incoming edges**

- ogit/uses <= ogit/Auth/Resource

**2.1.0.34  ogit/SalesDistribution/Customer**

A customer in the sales and distribution process.

- id: `http://www.purl.org/ogit/SalesDistribution/Customer`
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- creator: Marek Meyer
- scope: NTO
- parent: ogit/Node

**attributes**

- mandatory:
    - ogit/name
- optional:
    - ogit/SalesDistribution/customerId
    - ogit/description

**outgoing edges**

- ogit/belongs => ogit/Auth/Application

**2.1.0.35  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*

**2.1.0.36 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/name*
    - *ogit/unit*

**incoming edges**

- *ogit/generates* <= *ogit/Auth/Organization*

- *ogit/generates* <= *ogit/Auth/Machine*

- *ogit/generates* <= *ogit/Auth/Resource*

- *ogit/generates* <= *ogit/Auth/Software*

## 2.2  Verbs

### 2.2.0.1  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/Auth/Machine => ogit/Network/NetworkInterface

### 2.2.0.2  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

### 2.2.0.3  ogit/defines

General relationship indicating that some entitiy 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

### 2.2.0.4 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

### 2.2.0.5 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

### 2.2.0.6 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

### 2.2.0.7 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

### 2.2.0.8 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
- ogit/Auth/Machine => ogit/Data/Log
- ogit/Auth/Machine => ogit/Timeseries
- ogit/Auth/Resource => ogit/Data/Log
- ogit/Auth/Resource => ogit/Timeseries
- ogit/Auth/Software => ogit/Data/Log
- ogit/Auth/Software => ogit/Timeseries

### 2.2.0.9 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

### 2.2.0.10 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

**Allowed Connection**

- ogit/Auth/Application => ogit/Notification

### 2.2.0.11 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

### 2.2.0.12 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

**Allowed Connection**

- ogit/Auth/Account => ogit/TermsAndConditions

### 2.2.0.13 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

### 2.2.0.14 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

### 2.2.0.15 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

### 2.2.0.16 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

**Allowed Connection**

- ogit/Rating => ogit/Auth/Application

### 2.2.0.17 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

**Allowed Connection**

- ogit/Event => ogit/Auth/Account

### 2.2.0.18 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

**Allowed Connection**

- ogit/Auth/Application => ogit/Auth/Application

**2.2.0.19 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

**2.2.0.20 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

**2.2.0.21 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

### 2.2.0.22 ogit/dependsOn

This relationship indicates that some entity is depending on some other. E.g. machine hosts software.

- id: http://www.purl.org/ogit/dependsOn
- valid-from: Thu Oct 15 00:00:00 UTC 2015
- creator: Aymen Ayoub

**Allowed Connection**

- ogit/Auth/Resource => ogit/Auth/Software
- ogit/Auth/Software => ogit/Auth/Machine

### 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/Auth/Account => ogit/Person
- ogit/SalesDistribution/Customer => ogit/Auth/Application
- ogit/Schedule/Calendar => ogit/Auth/Account
- ogit/Attachment => ogit/Auth/AccountProfile

### 2.2.0.24 ogit/uses

This relationship indicates that some entity is used by some other.

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

**Allowed Connection**

- ogit/Auth/Resource => ogit/Automation/Configuration

### 2.2.0.25 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

### 2.2.0.26 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

### 2.2.0.27 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

### 2.2.0.28 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/MARS/Network/fqdn

A FQDN according to RFC 1035. Replaces 'FQDN' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Network/fqdn
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

### 2.3.0.2   ogit/MARS/Software/installPath

Defines where a software is installed. Replaces 'SWInstallPath' and 'BasePath' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Software/installPath
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Software
    - ogit/Auth/Software

### 2.3.0.3   ogit/MARS/Network/interfaceMAC

Alloes to specifies the MAC address of all defined interfaces. It's a key'ed list with the key to be defined in attribute ogit/MARS/Network/interfaceName of the same Machine node. Replaces 'NetworkInterfaceMAC' from MARS-↩
Schema

- id: http://www.purl.org/ogit/MARS/Network/interfaceMAC
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

**2.3.0.4 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

used

- optional:
    - ogit/Notification

**2.3.0.5 ogit/Data/timeToLive**

Defines how many seconds data will be kept before expire.

- id: http://www.purl.org/ogit/Data/timeToLive
- valid-from: Fri Feb 09 00:00:00 UTC 2018
- creator: mglusiuk@arago.de

used

- optional:
    - ogit/Data/Log

**2.3.0.6 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

**2.3.0.7 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

**2.3.0.8 ogit/onAttribute**

This field represents an attribute on which an event occured.

- id: http://www.purl.org/ogit/onAttribute
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: qikram@arago.de

used

- optional:
    - ogit/Notification

**2.3.0.9 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

**2.3.0.10 ogit/endOfWarranty**

End of warranty phase of a component

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

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Software

**2.3.0.11 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

**2.3.0.12 ogit/MARS/Network/bindAddress**

Usually an IP address. Defines the listening address for a software (server). Replaces 'NetworkIP' from MARS-↩
Schema

- id: http://www.purl.org/ogit/MARS/Network/bindAddress
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Software

### 2.3.0.13 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

### 2.3.0.14 ogit/MARS/Machine/class

Defines the 'class' of a Machine MARS node. This is basically the Operation System name. Replaces 'Machine↩
Class' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Machine/class
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

**used**

- mandatory:
    - ogit/Auth/Machine

### 2.3.0.15 ogit/MARS/Machine/cpuArch

CPU architecture. On UNIX like systems it will be the output onf 'uname -m'. Replaces 'MachineArchitecture' from
MARS-Schema

- id: http://www.purl.org/ogit/MARS/Machine/cpuArch
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

**2.3.0.16 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_

**2.3.0.17 ogit/MARS/Software/logPath**

Defines where a software writes its logfiles. Replaces 'LogPath' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Software/logPath
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - _ogit/Auth/Software_

**2.3.0.18 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_

**2.3.0.19  ogit/Version/major**

major version according to https://semver.org/

- id: http://www.purl.org/ogit/Version/major
- valid-from: Fri May 25 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Software

**2.3.0.20  ogit/onVertex**

This field represents a vertex on which an event occured.

- id: http://www.purl.org/ogit/onVertex
- valid-from: Thu Mar 22 00:00:00 UTC 2018
- creator: qikram@arago.de

used

- optional:
    - ogit/Notification

**2.3.0.21  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

### 2.3.0.22 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

### 2.3.0.23 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

### 2.3.0.24 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

**2.3.0.25   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
    - ogit/Auth/Resource
    - ogit/Auth/Software

**2.3.0.26   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

**2.3.0.27   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

**2.3.0.28   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

**2.3.0.29   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

**2.3.0.30   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

**2.3.0.31    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

**2.3.0.32    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

**2.3.0.33    ogit/Automation/automationState**

A value of 'Manual' will mark a node as not eligible for Issue processing

- id: <http://www.purl.org/ogit/Automation/automationState>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Resource
    - ogit/Auth/Software

### 2.3.0.34 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/Contract
    - ogit/Event
    - ogit/Person
    - ogit/Project/Milestone
    - ogit/Project/Project
    - ogit/Subscription
    - ogit/Survey/Iteration

### 2.3.0.35 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

### 2.3.0.36 ogit/Automation/lifecycle

Contains the lifecycle state of a MARSNode. If value is 'decommissioned' this node is ignored by engine, graph and UI.

- id: http://www.purl.org/ogit/Automation/lifecycle
- valid-from: Thu May 11 00:00:00 UTC 2017
- creator: Philipp Kählitz

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Resource
    - ogit/Auth/Software

### 2.3.0.37 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

### 2.3.0.38 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

**2.3.0.39  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

**2.3.0.40  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

**2.3.0.41  ogit/MARS/Software/instanceId**

Allow to define some instance identifier for a Software node. Usually this is used to uniquely identify a cluster member. The value might be a composition of several attributes, e.g. <data-center-id>:<rack-id>. Replaces 'Instance' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Software/instanceId
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Software

**2.3.0.42 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

**2.3.0.43 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

**2.3.0.44 ogit/Auth/_iam-domain**

IAM Domain of an entity

- id: http://www.purl.org/ogit/Auth/_iam-domain

- valid-from: Mon Jan 01 00:00:00 UTC 2018

- creator: arago GmbH

**2.3.0.45   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

**2.3.0.46   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

**2.3.0.47   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

**2.3.0.48 ogit/serialNumber**

A string representing a any kind of serial number. see `http://purl.org/goodrelations/v1#serial↩`
`Number`

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

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Software

**2.3.0.49 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

**2.3.0.50 ogit/MARS/Network/defaultGateway**

Defines the default gateway. In case of IPv4 dot-decimal notation shall be used. Replaces 'NetworkDefaultGW' from
MARS-Schema

- id: `http://www.purl.org/ogit/MARS/Network/defaultGateway`
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

used

- optional:
    - ogit/Auth/Machine

**2.3.0.51 ogit/title**

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

- 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

**2.3.0.52 ogit/MARS/Machine/ram**

The available system memory in a machine. It starts with a number following by an optional unit character ('M' or 'G'). If unit character is omitted then 'M' shall be assumed. This is . Replaces 'HWRAM' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Machine/ram
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

**2.3.0.53 ogit/MARS/Network/port**

A number indicating a network port (0..65535). Usually used define the listening port for a software (server). Replaces 'NetworkPort' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Network/port
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Software

### 2.3.0.54 ogit/Version/patch

patch version according to https://semver.org/

- id: http://www.purl.org/ogit/Version/patch
- valid-from: Fri May 25 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Software

### 2.3.0.55 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

### 2.3.0.56 ogit/MARS/Machine/kernel

Describes the running Operating System kernel. For Linux systems this is usually the output of 'uname -s -v -r'. Replaces 'OSKernel' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Machine/kernel
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

**2.3.0.57 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

**2.3.0.58 ogit/SalesDistribution/customerId**

Customer identifier.

- id: http://www.purl.org/ogit/SalesDistribution/customerId
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- creator: Marek Meyer

used

- optional:
    - ogit/SalesDistribution/Customer

**2.3.0.59 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

**2.3.0.60 ogit/MARS/Network/protocol**

Can be used to define the network protocol a service (software) is using. Typical values: 'tcp', 'udp'. Replaces 'NetworkProtocol' from MARS-Schema

- id: `http://www.purl.org/ogit/MARS/Network/protocol`
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

used

- optional:
    - ogit/Auth/Software

**2.3.0.61 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

**2.3.0.62 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

### 2.3.0.63 ogit/MARS/Network/ipVersion

Alloes to specify the IP version for defined interfaces. It's a key'ed list with the key to be defined in attribute ogit/MARS/Network/interfaceName of the same Machine node. It can be used to to indicate what to expectd in the corresponding entries of other network related attributes, e.g 'ogit/MARS/Network/interfaceIP'. Replaces 'Network↩ InterfaceType' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Network/ipVersion
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
  - ogit/Auth/Machine

### 2.3.0.64 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

### 2.3.0.65 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/Machine
    - ogit/Auth/OrgDomain
    - ogit/Auth/Organization
    - ogit/Auth/Resource
    - ogit/Auth/Role
    - ogit/Auth/Software
    - ogit/Auth/Team
    - ogit/Contract
    - ogit/Event
    - ogit/SalesDistribution/Customer
    - ogit/Schedule/Attendee
    - ogit/TermsAndConditions
    - ogit/UserMeta/Filter

- optional:

    - ogit/Attachment
    - ogit/Data/Log
    - ogit/Subscription
    - ogit/Timeseries

### 2.3.0.66    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/Data/Log](#)
- – [ogit/Event](#)
- – [ogit/Notification](#)
- – [ogit/SalesDistribution/Customer](#)
- – [ogit/Schedule/Calendar](#)
- – [ogit/TermsAndConditions](#)
- – [ogit/Timeseries](#)

### 2.3.0.67 ogit/placement

A place where the object is placed.

- id: [http://www.purl.org/ogit/placement](http://www.purl.org/ogit/placement)
- valid-from: Mon Aug 08 00:00:00 UTC 2016
- creator: Alexander Ryabtsev

used

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

### 2.3.0.68 ogit/condition

This field represents condition type.

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

used

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

### 2.3.0.69 ogit/Auth/Account/acceptedProjectTerms

Flag about whether HIRO Project terms were accepted

- id: [http://www.purl.org/ogit/Auth/Account/acceptedProjectTerms](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](#)

**2.3.0.70   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

**2.3.0.71   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

**2.3.0.72   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

### 2.3.0.73 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

### 2.3.0.74 ogit/MARS/Software/subClass

Give each type of Software a unique name, e.g 'OpenLDAP' or 'MSSharePointServer'. This should be the primary matching variable for software specific automation (using KnowledgeItems). Replaces 'SoftwareSubClass' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Software/subClass
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

**used**

- mandatory:
    - ogit/Auth/Software

### 2.3.0.75 ogit/Version/minor

minor version according to https://semver.org/

- id: http://www.purl.org/ogit/Version/minor
- valid-from: Fri May 25 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Software

### 2.3.0.76 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

### 2.3.0.77 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

### 2.3.0.78 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

**2.3.0.79 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

**2.3.0.80 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

**2.3.0.81 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

### 2.3.0.82 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

### 2.3.0.83 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

used

- optional:
    - ogit/Contract

### 2.3.0.84 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

### 2.3.0.85 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

### 2.3.0.86 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

### 2.3.0.87 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

### 2.3.0.88  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

### 2.3.0.89  ogit/MARS/Network/interfacePrefixLength

Specifies the network prefix length (network mask) of all defined interfaces. It's a key'ed list with the key to be defined in attribute ogit/MARS/Network/interfaceName of the same Machine node. The values are always number, e.g. a value of '24' in the context of IPv4 is equivalent to 255.255.255.0 in dot-decimal notation. Replaces 'Network↩ InterfacePrefixLength' and 'NetworkInterfaceNetmask' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Network/interfacePrefixLength
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Machine

### 2.3.0.90  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

**2.3.0.91   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/Attachment)

**2.3.0.92   ogit/MARS/Network/interfaceIP**

Specifies the configured IP address of all defined interfaces. It's a key'ed list with the key to be defined in attribute ogit/MARS/Network/interfaceName of the same Machine node. In case of IPv4 addresses dot-decimal notation shall be used. Replaces 'NetworkInterfaceIP' from MARS-Schema

- id: <http://www.purl.org/ogit/MARS/Network/interfaceIP>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

used

- optional:
    - [ogit/Auth/Machine](ogit/Auth/Machine)

**2.3.0.93   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](ogit/Schedule/Calendar)

**2.3.0.94   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

**2.3.0.95   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

**2.3.0.96   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

### 2.3.0.97   ogit/MARS/Machine/distroName

The distro name of an Operation System. For Linux you will encounter things like: 'CentOS', 'RedHat', ... . Replaces 'OSName' from MARS-Schema

- id: `http://www.purl.org/ogit/MARS/Machine/distroName`
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

used

- optional:
    - ogit/Auth/Machine

### 2.3.0.98   ogit/MARS/Network/interfaceName

This defines the network interface within a system. It's always a list containing all the defined interfaces, e.g. 'lo0 eth0 eth1'. Replaces 'NetworkInterface' from MARS-Schema

- id: `http://www.purl.org/ogit/MARS/Network/interfaceName`
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

used

- optional:
    - ogit/Auth/Machine

### 2.3.0.99   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
    - ogit/Network/NetworkInterface

### 2.3.0.100 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

### 2.3.0.101 ogit/MARS/Software/class

Used to classifiy Software nodes. Will contain values like: 'DBMS', 'WebServer', 'DataProcessing', and so on. Replaces 'SoftwareClass' from MARS-Schema

- id: <http://www.purl.org/ogit/MARS/Software/class>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: `fotto@arago.de`

**used**

- mandatory:
    - ogit/Auth/Software

### 2.3.0.102 ogit/occurenceCount

Defines the number an event occured.

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

used

- optional:
    - ogit/Event

### 2.3.0.103 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

### 2.3.0.104 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

### 2.3.0.105 ogit/MARS/Resource/class

Used to classifiy Resource nodes. Will contain values like: 'Backend', 'Database', and so on. Replaces 'Resource←↩
Class' from MARS-Schema

- id: http://www.purl.org/ogit/MARS/Resource/class
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

**used**

- mandatory:
    - ogit/Auth/Resource

### 2.3.0.106 ogit/Automation/marsNodeType

Contains The Type of the Mars Node. Should be one of Application, Machine, Software, Resource.

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

used

- optional:
    - ogit/Auth/Machine
    - ogit/Auth/Resource
    - ogit/Auth/Software

### 2.3.0.107 ogit/Schedule/attendanceStatus

Status of event attendence.

- 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

### 2.3.0.108 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

### 2.3.0.109 ogit/Automation/serviceStatus

Contains the status of a service.

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

used

- optional:
    - [ogit/Auth/Machine](ogit/Auth/Machine)
    - [ogit/Auth/Resource](ogit/Auth/Resource)
    - [ogit/Auth/Software](ogit/Auth/Software)

### 2.3.0.110 ogit/vendor

Contains the vendor of a device or software/hardware component.

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

used

- optional:
    - [ogit/Auth/Machine](ogit/Auth/Machine)
    - [ogit/Auth/Software](ogit/Auth/Software)

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

### 2.3.0.112 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

### 2.3.0.113 ogit/MARS/Software/serviceName

Defines the service name for a software which can buse for administrative operations like start, stop, or status. E.g on RedHat Linux it would be the name of the service unit (without the .service extension). Replaces 'ServiceName' from MARS-Schema

- id: <http://www.purl.org/ogit/MARS/Software/serviceName>
- valid-from: Fri Jun 01 00:00:00 UTC 2018
- creator: fotto@arago.de

used

- optional:
    - ogit/Auth/Software

### 2.3.0.114 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

### 2.3.0.115 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

### 2.3.0.116 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

### 2.3.0.117 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

### 2.3.0.118 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

used

- optional:
    - ogit/Contract

### 2.3.0.119 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