# Software

June 16, 2020

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# **Chapter 1**

# **Module Documentation**

# 1.1 Entities

#### 1.1.0.1 ogit/Organization

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

• id: http://www.purl.org/ogit/Organization

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

· creator: Peter Larem

· scope: SGO

· parent: ogit/Node

- · mandatory:
  - ogit/name
- · optional:
  - ogit/businessCategory
  - ogit/city
  - ogit/country
  - ogit/description
  - ogit/email
  - ogit/function
  - ogit/phone
  - ogit/postalCode
  - ogit/sourceld
  - ogit/status
  - ogit/streetAddress
  - ogit/webPage

#### incoming edges

• ogit/belongs <= ogit/Software/Application

#### outgoing edges

• ogit/manages => ogit/Software/Application

#### 1.1.0.2 ogit/ServiceManagement/ChangeRequest

This entity type defines a change request ticket

• id: http://www.purl.org/ogit/ServiceManagement/ChangeRequest

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

- · mandatory:
  - ogit/id
- · optional:
  - ogit/ServiceManagement/changeStatus
  - ogit/ServiceManagement/customer
  - ogit/ServiceManagement/fallbackPlan
  - ogit/ServiceManagement/implementationPlan
  - ogit/ServiceManagement/resolutionCode
  - ogit/ServiceManagement/scheduledFinishAt
  - ogit/ServiceManagement/scheduledStartAt
  - ogit/ServiceManagement/solution
  - ogit/ServiceManagement/sourceStatus
  - ogit/ServiceManagement/targetFinishAt
  - ogit/ServiceManagement/targetStartAt
  - ogit/ServiceManagement/testPlan
  - ogit/assignedGroup
  - ogit/category
  - ogit/effort
  - ogit/finishedAt
  - ogit/justification
  - ogit/reportedAt
  - ogit/reviewedAt
  - ogit/risk
  - ogit/startedAt

#### incoming edges

• ogit/creates <= ogit/Software/Connector

#### 1.1.0.3 ogit/Automation/MARSNode

Using this entity type to represent MARS nodes is deprecated. New applications should prefer the entity types from ogit/MARS NTO.

IT Objects will be representated in MARS Modell with MARS nodes. The MARS model builds upon four basic types of objects with a single type of relationship. Basically the objects which are in fact called "nodes" represent both views - the business perspective and the technical view. The technical components are modeled in the machine and software layers while the application and resource layers describe the business view of the IT environment.

• id: http://www.purl.org/ogit/Automation/MARSNode

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

- · optional:
  - ogit/Automation/additionalMacAddress
  - ogit/Automation/adminUrl
  - ogit/Automation/appInfrastructureType
  - ogit/Automation/appInstanceType
  - ogit/Automation/appServer
  - ogit/Automation/basicConfigld
  - ogit/Automation/brand
  - ogit/Automation/buildName
  - ogit/Automation/buildType
  - ogit/Automation/companyName
  - ogit/Automation/contextPath
  - ogit/Automation/cpuCoreCount
  - ogit/Automation/cpuCount
  - ogit/Automation/cpuManufacturer
  - ogit/Automation/cpuModel
  - ogit/Automation/cpuSpeed
  - ogit/Automation/cpuType
  - ogit/Automation/dataClassification
  - ogit/Automation/dataPrivacy
  - ogit/Automation/databaseSchema
  - ogit/Automation/databaseServer
  - ogit/Automation/deployStatus

- ogit/Automation/diskCount
- ogit/Automation/diskSpace
- ogit/Automation/domain
- ogit/Automation/exchangeRate
- ogit/Automation/firewallStatus
- ogit/Automation/firmwareVersion
- ogit/Automation/fqdn
- ogit/Automation/host
- ogit/Automation/installCount
- ogit/Automation/installPath
- ogit/Automation/isDeployed
- ogit/Automation/licenseAvailability
- ogit/Automation/licenseName
- ogit/Automation/licenseType
- ogit/Automation/lifecycle
- ogit/Automation/marsNodeFormalRepresentation
- ogit/Automation/marsNodeType
- ogit/Automation/memory
- ogit/Automation/middlewareType
- ogit/Automation/moveToProductionAt
- ogit/Automation/objectIdentifier
- ogit/Automation/osKey
- ogit/Automation/osLicense
- ogit/Automation/osManufacturer
- ogit/Automation/osName
- ogit/Automation/osServicePack
- ogit/Automation/osVersion
- ogit/Automation/patchNumber
- ogit/Automation/portNumber
- ogit/Automation/portNumberListener
- ogit/Automation/projectName
- ogit/Automation/serialNumber
- ogit/Automation/serviceId
- ogit/Automation/serviceName
- ogit/Automation/serviceStatus
- ogit/Automation/serviceType
- ogit/Automation/servletClass
- ogit/Automation/servletName
- ogit/Automation/software
- ogit/Automation/softwareKey
- ogit/Automation/systemClass
- ogit/Automation/systemType
- ogit/Automation/tcpPort
- ogit/Automation/virtualMachineName
- ogit/Automation/virtualSystemName

- ogit/Automation/virtualSystemType
- ogit/Automation/webServer
- ogit/Datacenter/rackUnit
- ogit/connectorId
- ogit/creationTime
- ogit/endOfWarranty
- ogit/id
- ogit/ipAddress
- ogit/macAddress
- ogit/manufacturer
- ogit/modificationTime
- ogit/name
- ogit/serialNumber

#### incoming edges

• ogit/uses <= ogit/Software/SoftwareComponent

# outgoing edges

• ogit/corresponds => ogit/Software/Application

# 1.1.0.4 ogit/Software/Data

Data transmitted between two components via connection.

- id: http://www.purl.org/ogit/Software/Data
- valid-from: Thu May 21 00:00:00 UTC 2015
- · creator: Peter Larem
- · scope: NTO
- · parent: ogit/Node

#### attributes

- optional:
  - ogit/type

#### incoming edges

• ogit/transfers <= ogit/Software/SoftwareConnection

#### 1.1.0.5 ogit/ServiceManagement/Incident

This entity type defines an incident ticket.

• id: http://www.purl.org/ogit/ServiceManagement/Incident

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/ServiceManagement/customer
  - ogit/ServiceManagement/incidentStatus
  - ogit/ServiceManagement/reportedSource
  - ogit/ServiceManagement/resolutionCode
  - ogit/ServiceManagement/resolvedAt
  - ogit/ServiceManagement/solution
  - ogit/ServiceManagement/sourceStatus
  - ogit/ServiceManagement/task
  - ogit/assignedGroup
  - ogit/category
  - ogit/id
  - ogit/reportedAt

#### incoming edges

• ogit/creates <= ogit/Software/Connector

# 1.1.0.6 ogit/ServiceManagement/SLA

A service level agreement.

• id: http://www.purl.org/ogit/ServiceManagement/SLA

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/ServiceManagement/elapsedTime
  - ogit/ServiceManagement/leftTime
  - ogit/ServiceManagement/resolvedInTime
  - ogit/ServiceManagement/scheduledFinishAt
  - ogit/ServiceManagement/slaStage
  - ogit/name
  - ogit/startedAt

# incoming edges

• ogit/complies <= ogit/Software/Application

#### 1.1.0.7 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

- · optional:
  - ogit/alternativeName
  - ogit/email
  - ogit/fax
  - ogit/firstName
  - ogit/lastName
  - ogit/middleName
  - ogit/mobilePhone
  - ogit/notification
  - ogit/officePhone
  - ogit/otherPhone
  - ogit/position
  - ogit/sourceld
  - ogit/status
  - ogit/title
  - ogit/webPage

#### outgoing edges

- ogit/installs => ogit/Software/Application
- ogit/manages => ogit/Software/Application
- ogit/owns => ogit/Software/Application
- ogit/uses => ogit/Software/Application

#### 1.1.0.8 ogit/ServiceManagement/Service

A technology service item, which combined or not with other technology services can constitute a service offering (ogit/ServiceManagement/Offering).

• id: http://www.purl.org/ogit/ServiceManagement/Service

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

#### attributes

- · mandatory:
  - ogit/id
- · optional:
  - ogit/description
  - ogit/name
  - ogit/uri

# outgoing edges

• ogit/implements => ogit/Software/Application

#### 1.1.0.9 ogit/Network/NetworkLink

A Network Link represents a logical connection between interfaces

• id: http://www.purl.org/ogit/Network/NetworkLink

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/transfers <= ogit/Software/SoftwareConnection

#### 1.1.0.10 ogit/Software/Connector

Represents any type of software connector

• id: http://www.purl.org/ogit/Software/Connector

• valid-from: Thu Jun 11 00:00:00 UTC 2015

· creator: Aymen Ayoub

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/connectorId
  - ogit/name

#### outgoing edges

- ogit/creates => ogit/ServiceManagement/ChangeRequest
- ogit/creates => ogit/ConfigurationItem
- ogit/creates => ogit/Event
- ogit/creates => ogit/ServiceManagement/Incident

# 1.1.0.11 ogit/ConfigurationItem

A configuration item.

- id: http://www.purl.org/ogit/ConfigurationItem
- valid-from: Thu Jun 11 00:00:00 UTC 2015
- · creator: Aymen Ayoub
- scope: SGO
- · parent: ogit/Node

- mandatory:
  - ogit/id
- · optional:
  - ogit/Automation/governingContract
  - ogit/asset
  - ogit/assetTag
  - ogit/assignedAt
  - ogit/availability
  - ogit/businessCriticality
  - ogit/category
  - ogit/checkedInAt
  - ogit/checkedOutAt
  - ogit/ciType
  - ogit/class
  - ogit/comment
  - ogit/confidentiality
  - ogit/contact
  - ogit/content
  - ogit/createdAt
  - ogit/deliveredAt
  - ogit/description
  - ogit/endOfWarranty
  - ogit/externalld
  - ogit/faultCount
  - ogit/impact
  - ogit/installStatus
  - ogit/installedAt
  - ogit/integrity
  - ogit/inventoryNumber
  - ogit/invoiceNumber
  - ogit/isCritical
  - ogit/isSupported
  - ogit/lastScannedAt
  - ogit/lastUpdatedAt
  - ogit/leaseContract
  - ogit/model
  - ogit/modelNumber
  - ogit/name
  - ogit/operationalStatus
  - ogit/orderedAt
  - ogit/pendingChange
  - ogit/priority

- ogit/productOrderNumber
- ogit/purchasedAt
- ogit/securityClass
- ogit/serviceContract
- ogit/shortDescription
- ogit/soxClass
- ogit/startedAt
- ogit/status
- ogit/subCategory
- ogit/subType
- ogit/type
- ogit/updateCount
- ogit/vendor
- ogit/version

#### incoming edges

• ogit/creates <= ogit/Software/Connector

#### 1.1.0.12 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

- 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/sourceld
  - ogit/type

#### incoming edges

• ogit/sends <= ogit/Software/Application

# 1.1.0.13 ogit/Software/Application

# Represents any type of software application

• id: http://www.purl.org/ogit/Software/Application

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

#### attributes

- · mandatory:
  - ogit/name
- · optional:
  - ogit/description
  - ogit/url
  - ogit/version

#### incoming edges

- ogit/corresponds <= ogit/Automation/MARSNode
- ogit/implements <= ogit/ServiceManagement/Service
- ogit/installs <= ogit/Person
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person
- ogit/owns <= ogit/Person
- ogit/uses <= ogit/Person

#### outgoing edges

- ogit/belongs => ogit/Organization
- ogit/complies => ogit/ServiceManagement/SLA
- ogit/contains => ogit/Software/SoftwareComponent
- ogit/generates => ogit/Timeseries
- ogit/relates => ogit/License
- ogit/sends => ogit/Notification

#### 1.1.0.14 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/sourceld
  - ogit/status
  - ogit/summary
  - ogit/type

## incoming edges

• ogit/creates <= ogit/Software/Connector

#### 1.1.0.15 ogit/Software/SoftwareComponent

#### Any type of Software Component

• id: http://www.purl.org/ogit/Software/SoftwareComponent

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/connects <= ogit/Software/SoftwareComponent
- ogit/contains <= ogit/Software/Application
- ogit/contains <= ogit/Software/SoftwareComponent
- ogit/uses <= ogit/Software/SoftwareConnection

# outgoing edges

- ogit/connects => ogit/Software/SoftwareComponent
- ogit/contains => ogit/Software/SoftwareComponent
- ogit/uses => ogit/Automation/MARSNode

#### 1.1.0.16 ogit/Software/SoftwareConnection

Represents the connection between two components, which allows data transmission through a network link.

- id: http://www.purl.org/ogit/Software/SoftwareConnection
- valid-from: Thu May 21 00:00:00 UTC 2015

· creator: Peter Larem

· scope: NTO

• parent: ogit/Node

#### attributes

- · optional:
  - ogit/type

#### outgoing edges

- ogit/transfers => ogit/Software/Data
- ogit/transfers => ogit/Network/NetworkLink
- ogit/uses => ogit/Software/SoftwareComponent

# 1.1.0.17 ogit/License

This entity type allows to store license information or actual licenses.

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

#### attributes

- optional:
  - ogit/createdAt
  - ogit/creator
  - ogit/deadline
  - ogit/expirationDate
  - ogit/id
  - ogit/licenseKey
  - ogit/licenseType
  - ogit/subject
  - ogit/validFrom
  - ogit/validTo

# incoming edges

• ogit/relates <= ogit/Software/Application

# 1.1.0.18 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/Software/Application

#### 1.2 Verbs

#### 1.2.0.1 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/Software/Application => ogit/Software/SoftwareComponent
- ogit/Software/SoftwareComponent => ogit/Software/SoftwareComponent

#### 1.2.0.2 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/Organization => ogit/Software/Application
- ogit/Person => ogit/Software/Application

# 1.2.0.3 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/Software/Application => ogit/Timeseries

#### 1.2.0.4 ogit/sends

an entity sends data to another entity

```
• id: http://www.purl.org/ogit/sends
```

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

· creator: Peter Larem

#### **Allowed Connection**

ogit/Software/Application => ogit/Notification

#### 1.2.0.5 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/Software/Connector => ogit/ServiceManagement/ChangeRequest
- ogit/Software/Connector => ogit/ConfigurationItem
- ogit/Software/Connector => ogit/Event
- ogit/Software/Connector => ogit/ServiceManagement/Incident

#### 1.2.0.6 ogit/complies

Indicates wether one entity should comply to another.

```
• id: http://www.purl.org/ogit/complies
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Software/Application => ogit/ServiceManagement/SLA

#### 1.2.0.7 ogit/connects

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

```
• id: http://www.purl.org/ogit/connects
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Software/SoftwareComponent => ogit/Software/SoftwareComponent

#### 1.2.0.8 ogit/corresponds

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

```
• id: http://www.purl.org/ogit/corresponds
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Automation/MARSNode => ogit/Software/Application

#### 1.2.0.9 ogit/installs

Indicates which entities are installed by other entities.

```
• id: http://www.purl.org/ogit/installs
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Person => ogit/Software/Application

#### 1.2.0.10 ogit/transfers

Indicates if one entity transfers information to another.

```
• id: http://www.purl.org/ogit/transfers
```

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

· creator: Peter Larem

#### **Allowed Connection**

- ogit/Software/SoftwareConnection => ogit/Software/Data
- ogit/Software/SoftwareConnection => ogit/Network/NetworkLink

#### 1.2.0.11 ogit/implements

Defines that an entity provides the implementation for another entity.

```
• id: http://www.purl.org/ogit/implements
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/ServiceManagement/Service => ogit/Software/Application

# 1.2.0.12 ogit/owns

This relationship indicates that one entity owns some other.

```
• id: http://www.purl.org/ogit/owns
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Person => ogit/Software/Application

#### 1.2.0.13 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/Software/Application => ogit/Organization

#### 1.2.0.14 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/Software/SoftwareComponent => ogit/Automation/MARSNode
- ogit/Software/SoftwareConnection => ogit/Software/SoftwareComponent
- ogit/Person => ogit/Software/Application

# 1.2.0.15 ogit/relates

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

```
• id: http://www.purl.org/ogit/relates
```

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

· creator: Peter Larem

#### **Allowed Connection**

• ogit/Software/Application => ogit/License

# 1.3 Attributes

#### 1.3.0.1 ogit/Automation/serviceType

Contains the Type of a service.

```
• id: http://www.purl.org/ogit/Automation/serviceType
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.2 ogit/ciType

Type of a configuration item. For example: VM, Server or Device.

```
• id: http://www.purl.org/ogit/ciType
```

• valid-from: Thu Aug 20 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

# 1.3.0.3 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

#### 1.3.0.4 ogit/reviewedAt

Defines the time when something was actually reviewed. The values can combin date and time with time zone designator according to ISO 8601. Reviewed time is used in incident management.

```
• id: http://www.purl.org/ogit/reviewedAt
```

valid-from: Wed Jul 01 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

#### 1.3.0.5 ogit/Automation/serialNumber

Contains a the serial number of a device/component.

```
• id: http://www.purl.org/ogit/Automation/serialNumber
```

· valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

# 1.3.0.6 ogit/Automation/servletName

Contains the name if the servlet.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.7 ogit/Automation/cpuCoreCount

Contains the number of cpu cores.

```
• id: http://www.purl.org/ogit/Automation/cpuCoreCount
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.8 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

#### 1.3.0.9 ogit/Automation/serviceld

Contains the Id of the service.

```
• id: http://www.purl.org/ogit/Automation/serviceId
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

• creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.10 ogit/manufacturer

Manufacturer of a device or component.

```
• id: http://www.purl.org/ogit/manufacturer
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.11 ogit/ServiceManagement/testPlan

Contains a test plan used in change management to define how a successful change implementation can be verified.

```
• id: http://www.purl.org/ogit/ServiceManagement/testPlan
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

#### 1.3.0.12 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

- · optional:
  - ogit/Event

#### 1.3.0.13 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/ConfigurationItem
  - ogit/Event
  - ogit/Notification
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

#### 1.3.0.14 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

# 1.3.0.15 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

- optional:
  - ogit/ConfigurationItem

#### 1.3.0.16 ogit/Automation/osVersion

Version of the Operating System.

• id: http://www.purl.org/ogit/Automation/osVersion

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Philipp Pelchmann

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.17 ogit/assignedAt

Defines the time when something was actually assigned to a person/organization for example. The values can combine date and time with time zone designator according to ISO 8601.

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

used

- · optional:
  - ogit/ConfigurationItem

# 1.3.0.18 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

- optional:
  - ogit/Automation/MARSNode
  - ogit/ConfigurationItem

#### 1.3.0.19 ogit/postalCode

The postal code. For example, 60433.

```
• id: http://www.purl.org/ogit/postalCode
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Organization

#### 1.3.0.20 ogit/Automation/buildType

Contains the build type of a component.

```
• id: http://www.purl.org/ogit/Automation/buildType
```

valid-from: Wed Aug 19 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.21 ogit/Automation/cpuManufacturer

Contains the manufacturer of the cpu of a device.

```
• id: http://www.purl.org/ogit/Automation/cpuManufacturer
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

• creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.22 ogit/Automation/virtualMachineName

Contains the name of the virtual machine.

• id: http://www.purl.org/ogit/Automation/virtualMachineName

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.23 ogit/productOrderNumber

An integer, which displays the order number of a product.

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

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.24 ogit/checkedOutAt

Defines the time when something was actually checked out. The values can combine date and time with time zone designator according to ISO 8601.

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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.25 ogit/email

An email address.

```
• id: http://www.purl.org/ogit/email
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Organization
  - ogit/Person

#### 1.3.0.26 ogit/Automation/moveToProductionAt

Defines the time when something was actually moved to production. The values can combine date and time with time zone designator according to ISO 8601.

```
• id: http://www.purl.org/ogit/Automation/moveToProductionAt
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

# 1.3.0.27 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

#### 1.3.0.28 ogit/ServiceManagement/resolvedAt

Datetime indicating when a ticket was resolved. Can be used for incident or problem tickets when it is necessary to distinguish between the ticket resolving and ticket closure (closedAt). The values must be combined date and time with time zone designator according to ISO 8601

• id: http://www.purl.org/ogit/ServiceManagement/resolvedAt

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/Incident

### 1.3.0.29 ogit/deliveredAt

Defines a point in time when a component/device was actually delivered. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.30 ogit/Automation/osServicePack

Contains the service pack for the operating system.

- id: http://www.purl.org/ogit/Automation/osServicePack
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Philipp Pelchmann

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.31 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

### 1.3.0.32 ogit/isCritical

This field specifies if the CI is critical for day-to-day operation, such as an E-mail server or RDBMS server. If you open an incident on a critical CI, the incident indicates that this is a critical CI. This filed contains a boolean value.

```
• id: http://www.purl.org/ogit/isCritical
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.33 ogit/asset

This field represents an asset (device or component).

```
• id: http://www.purl.org/ogit/asset
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.34 ogit/Automation/portNumberListener

Contains a port number listener.

• id: http://www.purl.org/ogit/Automation/portNumberListener

valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.35 ogit/function

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

• id: http://www.purl.org/ogit/function

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

· creator: Peter Larem

used

- · optional:
  - ogit/Organization

### 1.3.0.36 ogit/ServiceManagement/customer

The customer related to a Service Management process.

• id: http://www.purl.org/ogit/ServiceManagement/customer

• valid-from: Fri Jul 03 00:00:00 UTC 2015

· creator: Aymen Ayoub

- · optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

#### 1.3.0.37 ogit/Automation/memory

Contains a the total physical memory (RAM) in MB.

```
• id: http://www.purl.org/ogit/Automation/memory
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.38 ogit/integrity

A security pricipale that ensures data and Configuration Items are only modified by authorized personnel and Activities

```
• id: http://www.purl.org/ogit/integrity
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.39 ogit/Automation/companyName

Contains the company name of a component.

- id: http://www.purl.org/ogit/Automation/companyName
- valid-from: Mon Nov 02 00:00:00 UTC 2015
- · creator: Peter Larem

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.40 ogit/ServiceManagement/scheduledStartAt

Defines a point in time when the work on a change is planned/scheduled to start. This date time is usually defined during change planning and/or approval. This datetime is set by change coordinater (e.g it is planned to be done at 7:30PM) The values must be combined date and time with time zone designator according to ISO 8601.

```
• id: http://www.purl.org/ogit/ServiceManagement/scheduledStartAt
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

1.3.0.41 ogit/country

Name of a country.

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

used

- · optional:
  - ogit/Organization

1.3.0.42 ogit/businessCategory

The category of a business.

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

- · optional:
  - ogit/Organization

#### 1.3.0.43 ogit/Automation/middlewareType

Contains information about the type of middleware. For example it database middleware, application server middleware or a message-oriented middleware.

```
• id: http://www.purl.org/ogit/Automation/middlewareType
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.44 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

## 1.3.0.45 ogit/Automation/serviceName

Contains the name of a service.

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

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.46 ogit/Automation/licenseAvailability

The availability of the license of a component.

```
• id: http://www.purl.org/ogit/Automation/licenseAvailability
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.47 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

## 1.3.0.48 ogit/notification

A notification.

```
• id: http://www.purl.org/ogit/notification
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Philipp Pelchmann

- · optional:
  - ogit/Person

#### 1.3.0.49 ogit/sourceld

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/Organization
  - ogit/Person

## 1.3.0.50 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/Software/Application

## 1.3.0.51 ogit/licenseKey

A string containing a license key.

```
• id: http://www.purl.org/ogit/licenseKey
```

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

· creator: Peter Larem

- optional:
  - ogit/License

#### 1.3.0.52 ogit/uri

Unified resource identifier

```
• id: http://www.purl.org/ogit/uri
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/Service

### 1.3.0.53 ogit/purchasedAt

Defines a point in time when a component/device was actually purchased. The values must be combined date and time with time zone designator according to ISO 8601

```
• id: http://www.purl.org/ogit/purchasedAt
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.54 ogit/Automation/cpuCount

An integer which shows the number of cps of a component.

- id: http://www.purl.org/ogit/Automation/cpuCount
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.55 ogit/Automation/databaseSchema

Contains information about the database schema. The schema is the skeleton structure that represents the logical view of the entire database

```
• id: http://www.purl.org/ogit/Automation/databaseSchema
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.56 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

## 1.3.0.57 ogit/Automation/additionalMacAddress

Contains an additional MAC address

- id: http://www.purl.org/ogit/Automation/additionalMacAddress
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.58 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

### 1.3.0.59 ogit/connectorld

The Id of the connector.

```
• id: http://www.purl.org/ogit/connectorId
```

· valid-from: Thu Jun 11 00:00:00 UTC 2015

· creator: Aymen Ayoub

## used

- · optional:
  - ogit/Automation/MARSNode
  - ogit/Software/Connector

## 1.3.0.60 ogit/Automation/dataClassification

Data classification of a component.

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

- optional:
  - ogit/Automation/MARSNode

#### 1.3.0.61 ogit/Automation/firmwareVersion

Version of the firmware.

• id: http://www.purl.org/ogit/Automation/firmwareVersion

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.62 ogit/effort

Defines how much time was spent on the actual work for a change, task, or similar entity. The values is expected to be in format HH:MM, e.g. 1:00 for 1 hour effort.

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

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

#### 1.3.0.63 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

- · optional:
  - ogit/ConfigurationItem
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/SLA

#### 1.3.0.64 ogit/assetTag

This field specifies the asset tag number/code.

```
• id: http://www.purl.org/ogit/assetTag
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.65 ogit/ipAddress

The IP address of a component/hardware device.

```
• id: http://www.purl.org/ogit/ipAddress
```

valid-from: Wed May 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.66 ogit/licenseType

Type of the License e.g. community/enterprise.

```
• id: http://www.purl.org/ogit/licenseType
```

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

· creator: Peter Larem

- · optional:
  - ogit/License

#### 1.3.0.67 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

## 1.3.0.68 ogit/Automation/installCount

Contains an integer. This integer can be adjust automatically when software is added to or deleted from configuration items (Cls).

- id: http://www.purl.org/ogit/Automation/installCount
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.69 ogit/installedAt

Defines a point in time when a component/device was actually installed. The values must be combined date and time with time zone designator according to ISO 8601

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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.70 ogit/Automation/marsNodeFormalRepresentation

Obsolete attribute. Not used for HIRO >=6. Contains MARS in XML representation defined by MARSSchema2013.

• id: http://www.purl.org/ogit/Automation/marsNodeFormalRepresentation

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

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.71 ogit/updateCount

Contains the count of the records updated.

• id: http://www.purl.org/ogit/updateCount

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.72 ogit/installStatus

An installation 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/installStatus
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.73 ogit/city

Name of a city.

```
• id: http://www.purl.org/ogit/city
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Philipp Pelchmann

used

- · optional:
  - ogit/Organization

### 1.3.0.74 ogit/Automation/systemClass

Contains the class of the system.

- id: http://www.purl.org/ogit/Automation/systemClass
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.75 ogit/Automation/diskCount

An integer which shows the number of disks of a component.

- id: http://www.purl.org/ogit/Automation/diskCount
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.76 ogit/ServiceManagement/resolvedInTime

Information about a ticket being solved in the time excepted.

• id: http://www.purl.org/ogit/ServiceManagement/resolvedInTime

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

· creator: Philipp Pelchmann

used

- · optional:
  - ogit/ServiceManagement/SLA

### 1.3.0.77 ogit/ServiceManagement/incidentStatus

Defines the status of an incident record/ticket.

• id: http://www.purl.org/ogit/ServiceManagement/incidentStatus

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/Incident

## 1.3.0.78 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

- · optional:
  - ogit/ConfigurationItem
  - ogit/Event
  - ogit/Organization
  - ogit/Person

#### 1.3.0.79 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/ConfigurationItem
  - ogit/License

#### 1.3.0.80 ogit/model

Model of a device.

```
• id: http://www.purl.org/ogit/model
```

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

· creator: Peter Larem

used

- optional:
  - ogit/ConfigurationItem

### 1.3.0.81 ogit/Automation/domain

Contains the domain name.

- id: http://www.purl.org/ogit/Automation/domain
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.82 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/Automation/MARSNode

### 1.3.0.83 ogit/lastName

Last name of a person.

```
• id: http://www.purl.org/ogit/lastName
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Person

## 1.3.0.84 ogit/Automation/cpuModel

Contains the model of the cpu.

- id: http://www.purl.org/ogit/Automation/cpuModel
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.85 ogit/Automation/buildName

Contains the build name of a component.

```
• id: http://www.purl.org/ogit/Automation/buildName
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.86 ogit/Automation/appInstanceType

Contains the instance type.

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

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.87 ogit/modificationTime

Modification time.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.88 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/ConfigurationItem
  - ogit/Event
  - ogit/Notification

### 1.3.0.89 ogit/shortDescription

Contains a short description.

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

## used

- optional:
  - ogit/ConfigurationItem

## 1.3.0.90 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

- optional:
  - ogit/Person

#### 1.3.0.91 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

### 1.3.0.92 ogit/ServiceManagement/targetFinishAt

Defines a point in time when the work on a change should be finished. This date time is defined by the requester. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

## 1.3.0.93 ogit/MARS/Software/instanceld

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. <a href="mailto:data-center-id>:<rack-id>"lnstance">data-center-id>:<rack-id></a>. 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

#### 1.3.0.94 ogit/justification

Justification for a ChangeRequest

```
• id: http://www.purl.org/ogit/justification
```

· valid-from: Wed Jul 01 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

### 1.3.0.95 ogit/invoiceNumber

Contains an invoice number. This number is used as identifier for security purposes.

```
• id: http://www.purl.org/ogit/invoiceNumber
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.96 ogit/Automation/diskSpace

An integer which contains the disk space in GB.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.97 ogit/soxClass

This attribute specifies, if an entity has a Sarbanes Oxley (SOX) classification that applies to it. The out-of-box data is: Critical or Non Critical

```
• id: http://www.purl.org/ogit/soxClass
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.98 ogit/ServiceManagement/resolutionCode

Optional resolution code that may be provied during an incident or problem along with the solution description.

```
• id: http://www.purl.org/ogit/ServiceManagement/resolutionCode
```

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

· creator: Peter Larem

used

- optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

### 1.3.0.99 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

- · optional:
  - ogit/Event
  - ogit/Notification

#### 1.3.0.100 ogit/streetAddress

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

```
• id: http://www.purl.org/ogit/streetAddress
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Organization

## 1.3.0.101 ogit/businessCriticality

The business criticality of a process/service/CI.

```
• id: http://www.purl.org/ogit/businessCriticality
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.102 ogit/leaseContract

This field specifies the lease contract covering a service.

```
• id: http://www.purl.org/ogit/leaseContract
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.103 ogit/securityClass

Contains the security class of an entity/device.

```
• id: http://www.purl.org/ogit/securityClass
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.104 ogit/serialNumber

```
• id: http://www.purl.org/ogit/serialNumber
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

1.3.0.105 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

- · optional:
  - ogit/Person

#### 1.3.0.106 ogit/assignedGroup

Assigned Group to a Service Management process.

```
• id: http://www.purl.org/ogit/assignedGroup
```

· valid-from: Wed Jul 01 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

### 1.3.0.107 ogit/macAddress

The mac address of a component.

```
• id: http://www.purl.org/ogit/macAddress
```

• valid-from: Wed May 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.108 ogit/Automation/osName

Contains operating system name.

- id: http://www.purl.org/ogit/Automation/osName
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Philipp Pelchmann

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.109 ogit/version

Any string representation of version information. no restrictions are imposed on that base attribute

```
• id: http://www.purl.org/ogit/version
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/ConfigurationItem
  - ogit/Software/Application

#### 1.3.0.110 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

- · optional:
  - ogit/Person

### 1.3.0.111 ogit/ServiceManagement/elapsedTime

Time between start time and now (minus pause duration).

- id: http://www.purl.org/ogit/ServiceManagement/elapsedTime
- valid-from: Mon Jun 08 00:00:00 UTC 2015
- · creator: Aymen Ayoub

- · optional:
  - ogit/ServiceManagement/SLA

### 1.3.0.112 ogit/Automation/appServer

Contains application server.

```
• id: http://www.purl.org/ogit/Automation/appServer
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.113 ogit/class

Class of a component/device.

```
• id: http://www.purl.org/ogit/class
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- optional:
  - ogit/ConfigurationItem

## 1.3.0.114 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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.115 ogit/confidentiality

Contains information about the confidentiality related to a device or an entity.

```
• id: http://www.purl.org/ogit/confidentiality
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.116 ogit/Automation/deployStatus

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

```
• id: http://www.purl.org/ogit/Automation/deployStatus
```

valid-from: Mon Jan 25 00:00:00 UTC 2016

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.117 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

- · optional:
  - ogit/Event
  - ogit/Notification

#### 1.3.0.118 ogit/Automation/isDeployed

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

• id: http://www.purl.org/ogit/Automation/isDeployed

· valid-from: Mon Jan 25 00:00:00 UTC 2016

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.119 ogit/ServiceManagement/scheduledFinishAt

Defines a point in time when the work on a change is planned/scheduled to be finished. This date time is usually defined during change planning and/or approval. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/SLA

1.3.0.120 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/Event
  - ogit/Organization
  - ogit/Software/Application
- · optional:
  - ogit/Automation/MARSNode
  - ogit/ConfigurationItem
  - ogit/ServiceManagement/SLA
  - ogit/ServiceManagement/Service
  - ogit/Software/Connector
  - ogit/Timeseries

### 1.3.0.121 ogit/Automation/software

A software component.

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

## used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.122 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

- · optional:
  - ogit/ConfigurationItem
  - ogit/Event
  - ogit/Notification
  - ogit/Organization
  - ogit/ServiceManagement/Service
  - ogit/Software/Application
  - ogit/Timeseries

#### 1.3.0.123 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

used

- · optional:
  - ogit/Notification

## 1.3.0.124 ogit/ServiceManagement/slaStage

Stage of an SLA.

- id: http://www.purl.org/ogit/ServiceManagement/slaStage
- valid-from: Mon Jun 08 00:00:00 UTC 2015
- · creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/SLA

## 1.3.0.125 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

- · optional:
  - ogit/ServiceManagement/ChangeRequest

#### 1.3.0.126 ogit/Automation/host

Contains the host name.

• id: http://www.purl.org/ogit/Automation/host

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.127 ogit/externalld

The External Id of a component.

- id: http://www.purl.org/ogit/externalId
- valid-from: Thu May 21 00:00:00 UTC 2015
- · creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.128 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

- · optional:
  - ogit/ConfigurationItem
  - ogit/Event

#### 1.3.0.129 ogit/contact

This field displays the device/CI/component owner who is the person assigned to the device/CI/component and uses it on a day-to-day basis. Support contacts are secondary contacts who may have access to a CI for example.

• id: http://www.purl.org/ogit/contact

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.130 ogit/Automation/appInfrastructureType

Contains the application infrastructure type.

• id: http://www.purl.org/ogit/Automation/appInfrastructureType

· valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

# 1.3.0.131 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

#### 1.3.0.132 ogit/orderedAt

Defines a point in time when a component/device was actually ordered. The values must be combined date and time with time zone designator according to ISO 8601

```
• id: http://www.purl.org/ogit/orderedAt
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.133 ogit/faultCount

Contains fault count related to a component

```
• id: http://www.purl.org/ogit/faultCount
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

1.3.0.134 ogit/risk

Used to store the result of a risk analysis.

```
• id: http://www.purl.org/ogit/risk
```

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

· creator: Peter Larem

- · optional:
  - ogit/ServiceManagement/ChangeRequest

#### 1.3.0.135 ogit/ServiceManagement/fallbackPlan

Defines instructions of how to revert in case a change fails.

• id: http://www.purl.org/ogit/ServiceManagement/fallbackPlan

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

· creator: Peter Larem

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

1.3.0.136 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

## 1.3.0.137 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

- · optional:
  - ogit/Event

#### 1.3.0.138 ogit/Automation/virtualSystemName

Contains the name of the virtual system.

```
• id: http://www.purl.org/ogit/Automation/virtualSystemName
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.139 ogit/expirationDate

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

```
• id: http://www.purl.org/ogit/expirationDate
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/License

# 1.3.0.140 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

- optional:
  - ogit/Person

#### 1.3.0.141 ogit/phone

a phone number

```
• id: http://www.purl.org/ogit/phone
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Organization

## 1.3.0.142 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

## 1.3.0.143 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

- · optional:
  - ogit/License

#### 1.3.0.144 ogit/Automation/osLicense

License of the Operating System.

```
• id: http://www.purl.org/ogit/Automation/osLicense
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

• creator: Philipp Pelchmann

used

- · optional:
  - ogit/Automation/MARSNode

1.3.0.145 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

1.3.0.146 ogit/Automation/databaseServer

Contains information about the database server.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.147 ogit/Automation/portNumber

Contains a port number.

```
• id: http://www.purl.org/ogit/Automation/portNumber
```

valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.148 ogit/Automation/webServer

Contains an webServer.

```
• id: http://www.purl.org/ogit/Automation/webServer
```

valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

1.3.0.149 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

- · optional:
  - ogit/ConfigurationItem
  - ogit/Event
  - ogit/Notification
  - ogit/Software/Data
  - ogit/Software/SoftwareConnection

#### 1.3.0.150 ogit/Automation/softwareKey

Contains the key of a software.

• id: http://www.purl.org/ogit/Automation/softwareKey

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.151 ogit/Automation/installPath

Contains the installation path of a component.

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

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.152 ogit/Automation/licenseName

Contains the license name of a component.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.153 ogit/Automation/contextPath

Contains the context path of a component.

```
• id: http://www.purl.org/ogit/Automation/contextPath
```

• valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.154 ogit/Automation/cpuSpeed

An floating point number which shows the cpu speed in GHZ.

```
• id: http://www.purl.org/ogit/Automation/cpuSpeed
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.155 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

- · optional:
  - ogit/Person

### 1.3.0.156 ogit/subCategory

Used to give a subcategory to things.

```
• id: http://www.purl.org/ogit/subCategory
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.157 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

## 1.3.0.158 ogit/Automation/servletClass

Contains the class of the servlet.

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

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.159 ogit/ServiceManagement/leftTime

Time remaining until SLA breach.

```
• id: http://www.purl.org/ogit/ServiceManagement/leftTime
```

• valid-from: Mon Jun 08 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/SLA

1.3.0.160 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/License

1.3.0.161 ogit/ServiceManagement/implementationPlan

Used to define detail implementation instructions.

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

- · optional:
  - ogit/ServiceManagement/ChangeRequest

### 1.3.0.162 ogit/Datacenter/rackUnit

The name of the RackUnit within a datacenter.

```
• id: http://www.purl.org/ogit/Datacenter/rackUnit
```

• valid-from: Thu Oct 15 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.163 ogit/availability

Contains information about the availability of a service/device.

```
• id: http://www.purl.org/ogit/availability
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.164 ogit/Automation/firewallStatus

Contains information about the firewall status.

```
• id: http://www.purl.org/ogit/Automation/firewallStatus
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.165 ogit/lastScannedAt

Defines a point in time when a component/device was actually scanned last time. The values must be combined date and time with time zone designator according to ISO 8601

```
• id: http://www.purl.org/ogit/lastScannedAt
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

1.3.0.166 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/ConfigurationItem

# 1.3.0.167 ogit/pendingChange

This field indicates whether or not there are any changes pending against a component/device. When you close or open a change for this component/device, this action sets or clears the flag.

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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.168 ogit/Automation/exchangeRate

Contains the data rate exchanged.

• id: http://www.purl.org/ogit/Automation/exchangeRate

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.169 ogit/ServiceManagement/sourceStatus

It can be used to define application specific status values, which are not allowed by a normalized status, e.g. incidentStatus, changeStatus etc.

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

used

- · optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

# 1.3.0.170 ogit/Automation/patchNumber

Contains a patch number.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.171 ogit/Automation/cpuType

Contains the cpu type of a device.

• id: http://www.purl.org/ogit/Automation/cpuType

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.172 ogit/Automation/dataPrivacy

Data privacy of a component.

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

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.173 ogit/inventoryNumber

This field specifies the inventory component number for the a device as defined by the company-defined device inventory number in the model table. The system uses this number to provide data on the Manufacturer, Model, and Version fields if available.

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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.174 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

### 1.3.0.175 ogit/webPage

A web page.

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

used

- optional:
  - ogit/Organization
  - ogit/Person

## 1.3.0.176 ogit/Automation/objectIdentifier

Contains a system object identifier.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.177 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/ConfigurationItem
  - ogit/Event

#### 1.3.0.178 ogit/modelNumber

ModelNumber of a device.

```
• id: http://www.purl.org/ogit/modelNumber
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

# 1.3.0.179 ogit/Automation/fqdn

Contains a fully qualified domain name.

```
• id: http://www.purl.org/ogit/Automation/fqdn
```

• valid-from: Tue Jan 15 00:00:00 UTC 2019

· creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.180 ogit/Automation/osKey

Product key for the Operating System.

```
• id: http://www.purl.org/ogit/Automation/osKey
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Philipp Pelchmann

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.181 ogit/Automation/brand

Contains the brand of a component/device.

```
• id: http://www.purl.org/ogit/Automation/brand
```

valid-from: Tue Jan 15 00:00:00 UTC 2019

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.182 ogit/Automation/licenseType

Contains the license type of a component.

- id: http://www.purl.org/ogit/Automation/licenseType
- valid-from: Sun May 24 00:00:00 UTC 2015
- creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.183 ogit/Automation/virtualSystemType

Contains the type of the virtual system.

• id: http://www.purl.org/ogit/Automation/virtualSystemType

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

#### used

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.184 ogit/Automation/osManufacturer

Contains the manufacturer of the operating system.

```
• id: http://www.purl.org/ogit/Automation/osManufacturer
```

valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

#### used

- · optional:
  - ogit/Automation/MARSNode

## 1.3.0.185 ogit/id

### General id.

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

- · mandatory:
  - ogit/ConfigurationItem
  - ogit/Event
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Service
- · optional:
  - ogit/Automation/MARSNode
  - ogit/License
  - ogit/Network/NetworkLink
  - ogit/ServiceManagement/Incident
  - ogit/Software/SoftwareComponent

### 1.3.0.186 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

#### 1.3.0.187 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

### 1.3.0.188 ogit/ServiceManagement/solution

Solution description, for example that is usually provided during incident resolving. This field is also use for problem tickets. There is defines the permanent solution description for a problem.

• id: http://www.purl.org/ogit/ServiceManagement/solution

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

· creator: Peter Larem

- · optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

### 1.3.0.189 ogit/creationTime

Creation time of an entity.

```
• id: http://www.purl.org/ogit/creationTime
```

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

· creator: Peter Larem

used

- · optional:
  - ogit/Automation/MARSNode

1.3.0.190 ogit/subject

Contains the subject.

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

used

- optional:
  - ogit/License

## 1.3.0.191 ogit/checkedInAt

Defines the time when something was actually checked in. The values can combine date and time with time zone designator according to ISO 8601.

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

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.192 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

### 1.3.0.193 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

## 1.3.0.194 ogit/Automation/adminUrl

Contains an URL (unified resource locator)

```
• id: http://www.purl.org/ogit/Automation/adminUrl
```

valid-from: Fri Jul 24 00:00:00 UTC 2015

• creator: Aymen Ayoub

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.195 ogit/Automation/marsNodeType

Obsolete attribute. Not used for HIRO >=6. 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/Automation/MARSNode

### 1.3.0.196 ogit/Automation/basicConfigld

Contains the internal identifier of the basic configuration of a component .

```
• id: http://www.purl.org/ogit/Automation/basicConfigId
```

valid-from: Wed May 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

# 1.3.0.197 ogit/serviceContract

This field specifies the contract covering a service.

```
• id: http://www.purl.org/ogit/serviceContract
```

• valid-from: Mon Jul 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.198 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/Automation/MARSNode

### 1.3.0.199 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/ConfigurationItem

## 1.3.0.200 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

- · optional:
  - ogit/Event
  - ogit/Notification

### 1.3.0.201 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/License

## 1.3.0.202 ogit/Automation/governingContract

Contains information about the governing contract.

- id: http://www.purl.org/ogit/Automation/governingContract
- valid-from: Mon Jul 27 00:00:00 UTC 2015
- · creator: Aymen Ayoub

used

- · optional:
  - ogit/ConfigurationItem

## 1.3.0.203 ogit/Automation/systemType

Contains the type of the system.

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

- · optional:
  - ogit/Automation/MARSNode

#### 1.3.0.204 ogit/Automation/tcpPort

The tcp port.

• id: http://www.purl.org/ogit/Automation/tcpPort

· valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Automation/MARSNode

### 1.3.0.205 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

1.3.0.206 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

- · optional:
  - ogit/Person

#### 1.3.0.207 ogit/reportedAt

Defineds the time when something was actually reported. The values can combin date and time with time zone designator according to ISO 8601. Reported time is used in incident management in the following manner: in most cases the reported time equals the time when the incident is created. In some cases, e.g. the incident is created after the helpdesk has already worked on some request before it was decided to create an incident, the reported time might differ from ticket creation/opening time.

• id: http://www.purl.org/ogit/reportedAt

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

· creator: Peter Larem

#### used

- · optional:
  - ogit/ServiceManagement/ChangeRequest
  - ogit/ServiceManagement/Incident

#### 1.3.0.208 ogit/ServiceManagement/targetStartAt

Defines a point in time when the work on a change should start. This date time is defined by the requester. The values must be combined date and time with time zone designator according to ISO 8601

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

#### used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

## 1.3.0.209 ogit/ServiceManagement/reportedSource

Can be used to define how a ticket was communicated. It could define some kind of communication channel (" $\leftarrow$  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

- · optional:
  - ogit/Event
  - ogit/ServiceManagement/Incident

### 1.3.0.210 ogit/ServiceManagement/task

A task related to a Service Management process.

• id: http://www.purl.org/ogit/ServiceManagement/task

• valid-from: Mon Jul 06 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/ServiceManagement/Incident

### 1.3.0.211 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

## 1.3.0.212 ogit/isSupported

Indicates whether the service currently is supported. This filed contains a boolean value.

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

- · optional:
  - ogit/ConfigurationItem

### 1.3.0.213 ogit/operationalStatus

An operational 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/operationalStatus
```

valid-from: Wed May 27 00:00:00 UTC 2015

· creator: Aymen Ayoub

#### used

- · optional:
  - ogit/ConfigurationItem

#### 1.3.0.214 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/License

### 1.3.0.215 ogit/ServiceManagement/changeStatus

Defines the status of a change record within the service management.

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

## used

- · optional:
  - ogit/ServiceManagement/ChangeRequest

## 1.3.0.216 ogit/Automation/projectName

Contains the project name of a component.

- id: http://www.purl.org/ogit/Automation/projectName
- valid-from: Mon Nov 02 00:00:00 UTC 2015
- · creator: Peter Larem

- · optional:
  - ogit/Automation/MARSNode