MARS

November 14, 2020

Chapter 1

Representing MARS in OGIT ontology

Overview

All definition in the *ogit/MARS* namespace aim to have a proper modelling of `MARS Nodes` as graph data.

Those definitions will obsolete

- `MARS XML Schema`
- Modelling of MARS nodes in the `Automation NTO`

Transition to MARS NTO

Entity Mappings

instead of just one entity type `ogit/Automation/MARSNode` there are now four:

- `ogit/MARS/Application`
- `ogit/MARS/Resource`
- `ogit/MARS/Software`
- `ogit/MARS/Machine`

Attribute Mappings

general remarks:

- `/NodeID`, `/ID` is supposed to be stored in `ogit/_xid` (user provided indentifiers)
- `/NodeName` is mapped to `ogit/name`
- `/NodeType` is mapped to `ogit/_type` (one of the four entity types)
- the following attributes from `ogit/Automation/MARSNode` become obsolete:

- – `ogit/Automation/marsNodeFormalRepresentation`
- – `ogit/Automation/marsNodeType` (replaced by `ogit/_type`)

- a few attributes from `ogit/Automation` NTO have been reused

- attributes from SGO or other NTOs have been reused when appropriate

- the following attributes were added without having a corresponding definition in MARS XML Schema:

    - – `ogit/url` for "Software" and "Resource"
    - – `ogit/serialNumber` for "Software"
    - – `ogit/Automation/lifecycle`

- only a subset of attributes defined by MARS XML Schema is mapped to *ontology defined attributes*. All others will remain "free attributes"

- the following *classification attributes* have a predefined list of allowed values:

    - – ApplicationClass, ApplicationSubClass
    - – ResourceClass
    - – MachineClass

- the values of *classification attributes* for Software MARS nodes are not validated, yet

The full mapping is defined here.

Verb Mappings

- `ogit/Automation/MARSNode -ogit/relates-> ogit/Automation/MARSNode` is replaced by:

    - – `ogit/MARS/Application -ogit/dependsOn-> ogit/MARS/Resource`
    - – `ogit/MARS/Resource -ogit/dependsOn-> ogit/MARS/Software`
    - – `ogit/MARS/Software -ogit/dependsOn-> ogit/MARS/Machine`

- most relationships for `ogit/Automation/MARSNode` are also allowed for `ogit/MARS/*`:

    - – everything from the `ogit/ServiceManagement` NTO
    - – relations to objects with secondary data: `ogit/Timeseries, ogit/Attachment, ...`
    - – when appropriate the new mappings are only for specific MARS nodes, e.g. only `ogit/MARS/↩Application`

- some relationships for `ogit/Automation/MARSNode` were not duplicated for `ogit/MARS/*` (at least not yet):

    - – most relationships between `ogit/Automation/MARSNode` and other entities from `ogit/↩Automation` NTO

Chapter 2

Module Documentation

2.1 Entities

2.1.0.1 ogit/MARS/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/MARS/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/affects <= ogit/ServiceManagement/ChangeRequest
- ogit/affects <= ogit/ServiceManagement/Incident
- ogit/affects <= ogit/ServiceManagement/Problem
- ogit/affects <= ogit/ServiceManagement/Ticket
- ogit/affects <= ogit/Event
- ogit/belongs <= ogit/Attachment
- ogit/corresponds <= ogit/ConfigurationItem
- ogit/dependsOn <= ogit/MARS/Resource
- ogit/describes <= ogit/Asset
- ogit/relates <= ogit/ServiceManagement/ChangeRequest
- ogit/relates <= ogit/ServiceManagement/Report
- ogit/relates <= ogit/ConfigurationItem
- ogit/relates <= ogit/Event
- ogit/reportedOn <= ogit/ServiceManagement/ChangeRequest
- ogit/reportedOn <= ogit/ServiceManagement/Incident
- ogit/reportedOn <= ogit/ServiceManagement/Order
- ogit/reportedOn <= ogit/ServiceManagement/Problem
- ogit/reportedOn <= ogit/ServiceManagement/Ticket

outgoing edges

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

2.1.0.2 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

attributes

- 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

outgoing edges

- ogit/affects => ogit/MARS/Application

- ogit/affects => ogit/MARS/Resource

- ogit/affects => ogit/MARS/Software

- ogit/affects => ogit/MARS/Machine

- ogit/relates => ogit/MARS/Machine

- ogit/relates => ogit/MARS/Software

- ogit/relates => ogit/MARS/Resource

- ogit/relates => ogit/MARS/Application

- ogit/reportedOn => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Software

- ogit/reportedOn => ogit/MARS/Resource

- ogit/reportedOn => ogit/MARS/Application

2.1.0.3 ogit/ServiceManagement/Order

Defines an order.

- id: http://www.purl.org/ogit/ServiceManagement/Order

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

- creator: Peter Larem

- scope: NTO

- parent: ogit/Node

attributes

- mandatory:

  - ogit/id

- optional:

  - ogit/ServiceManagement/externalTicketId
  - ogit/ServiceManagement/externalTicketSource
  - ogit/ServiceManagement/reportedSource
  - ogit/ServiceManagement/sourceStatus
  - ogit/closedAt
  - ogit/createdAt
  - ogit/description
  - ogit/impact
  - ogit/lastUpdatedAt
  - ogit/openedAt
  - ogit/priority
  - ogit/project
  - ogit/summary
  - ogit/urgency

outgoing edges

- ogit/reportedOn => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Software

- ogit/reportedOn => ogit/MARS/Resource

- ogit/reportedOn => ogit/MARS/Application

2.1.0.4 ogit/OSLC-crtv/ServiceInstance

A Service Instance is the representation of a service offering that was selected by the customer and then instantiated for that specific customer. Service Instances are supported by definite and measurable warranties or guarantees that the expected level of service/value will be met. Instances of the resource carry exposure from the group that is responsible for supporting the offering externally to the group that is utilizing the offering. It is common to group or nest instances together to form a service instance hierarchy. This resource definition does not represent the individual processes and/or activities that comprise an overall service except in the case where such processes are viewed as an independent service. In this condition, an instance of ServiceInstance would be created to represent the ServiceInstance of the process, then creating a hierarchy of ServiceInstances (to the containing Service↩ Instance).

- id: `http://www.purl.org/ogit/OSLC-crtv/ServiceInstance`

- valid-from: Thu Sep 22 00:00:00 UTC 2016

- creator: OGIT Importer

- scope: NTO

- parent: ogit/Node

outgoing edges

- ogit/OSLC-crtv/runsOn => ogit/MARS/Machine

2.1.0.5 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

outgoing edges

- ogit/affects => ogit/MARS/Application

- ogit/affects => ogit/MARS/Resource

- ogit/affects => ogit/MARS/Software

- ogit/affects => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Software

- ogit/reportedOn => ogit/MARS/Resource

- ogit/reportedOn => ogit/MARS/Application

2.1.0.6 ogit/MARS/Application

Vertices of this type are the 'A'-nodes in the MARS model. 'A' stands for 'Application' and those nodes form the highest layer in the A-R-S-M layer model. An 'Application' node groups 'Resource' nodes which form one business application.

- id: `http://www.purl.org/ogit/MARS/Application`

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

- creator: FCO

- scope: NTO

- parent: ogit/Node

attributes

- mandatory:

  - ogit/MARS/Application/class
  - ogit/MARS/Application/subClass
  - ogit/name

- optional:

  - ogit/Automation/automationState
  - ogit/Automation/lifecycle
  - ogit/Automation/marsNodeType
  - ogit/Automation/serviceStatus

incoming edges

- ogit/affects <= ogit/ServiceManagement/ChangeRequest

- ogit/affects <= ogit/ServiceManagement/Incident

- ogit/affects <= ogit/ServiceManagement/Problem

- ogit/affects <= ogit/ServiceManagement/Ticket

- ogit/affects <= ogit/Event

- ogit/belongs <= ogit/SalesDistribution/Customer

- ogit/belongs <= ogit/SalesDistribution/SalesOrder

- ogit/belongs <= ogit/Attachment

- ogit/consistsOf <= ogit/Environment

- ogit/corresponds <= ogit/ConfigurationItem

- ogit/relates <= ogit/ServiceManagement/ChangeRequest

- ogit/relates <= ogit/ServiceManagement/Report

- ogit/relates <= ogit/ConfigurationItem

- ogit/relates <= ogit/Event

- ogit/reportedOn <= ogit/ServiceManagement/ChangeRequest

- ogit/reportedOn <= ogit/ServiceManagement/Incident

- ogit/reportedOn <= ogit/ServiceManagement/Order

- ogit/reportedOn <= ogit/ServiceManagement/Problem

- ogit/reportedOn <= ogit/ServiceManagement/Ticket

outgoing edges

- ogit/dependsOn => ogit/MARS/Resource

- ogit/generates => ogit/Data/Log

- ogit/generates => ogit/Timeseries

- ogit/relates => ogit/License

2.1.0.7 ogit/SalesDistribution/SalesOrder

A sales order placed by a customer.

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

attributes

- optional:
  - ogit/SalesDistribution/amount
  - ogit/SalesDistribution/orderDate
  - ogit/SalesDistribution/salesOrderId
  - ogit/currency
  - ogit/description
  - ogit/name
  - ogit/status

outgoing edges

- ogit/belongs => ogit/MARS/Application

2.1.0.8 ogit/ServiceManagement/Ticket

This entity defines any type of tickets. For specific behaviour of tickets, please check specific entities (e.g. ogit/↩
ServiceManagement/Incident).

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

attributes

- mandatory:
    - ogit/id

- optional:
    - ogit/ServiceManagement/externalTicketId
    - ogit/ServiceManagement/reportedSource
    - ogit/ServiceManagement/sourceStatus
    - ogit/ServiceManagement/ticketId
    - ogit/closedAt
    - ogit/createdAt
    - ogit/description
    - ogit/impact
    - ogit/lastUpdatedAt
    - ogit/openedAt
    - ogit/priority
    - ogit/project
    - ogit/summary
    - ogit/urgency

outgoing edges

- ogit/affects => ogit/MARS/Application

- ogit/affects => ogit/MARS/Resource

- ogit/affects => ogit/MARS/Software

- ogit/affects => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Software

- ogit/reportedOn => ogit/MARS/Resource

- ogit/reportedOn => ogit/MARS/Application

2.1.0.9 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/MARS/Machine

- ogit/belongs => ogit/MARS/Software

- ogit/belongs => ogit/MARS/Resource

- ogit/belongs => ogit/MARS/Application

2.1.0.10 ogit/ServiceManagement/Problem

This entity type defines a problem ticket.

- id: http://www.purl.org/ogit/ServiceManagement/Problem

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

- creator: Peter Larem

- scope: NTO

- parent: ogit/Node

attributes

- mandatory:

    - ogit/id

- optional:

    - ogit/ServiceManagement/problemStatus
    - ogit/ServiceManagement/resolutionCode
    - ogit/ServiceManagement/rootCause
    - ogit/ServiceManagement/solution
    - ogit/ServiceManagement/workAround
    - ogit/reportedAt

outgoing edges

- ogit/affects => ogit/MARS/Application

- ogit/affects => ogit/MARS/Resource

- ogit/affects => ogit/MARS/Software

- ogit/affects => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Machine

- ogit/reportedOn => ogit/MARS/Software

- ogit/reportedOn => ogit/MARS/Resource

- ogit/reportedOn => ogit/MARS/Application

2.1.0.11 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

attributes

- 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/externalId
- – 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

outgoing edges

- ogit/corresponds => ogit/MARS/Application

- ogit/corresponds => ogit/MARS/Resource

- ogit/corresponds => ogit/MARS/Software

- ogit/corresponds => ogit/MARS/Machine

- ogit/relates => ogit/MARS/Machine

- ogit/relates => ogit/MARS/Software

- ogit/relates => ogit/MARS/Resource

- ogit/relates => ogit/MARS/Application

2.1.0.12 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/MARS/Application
- ogit/generates <= ogit/MARS/Machine
- ogit/generates <= ogit/MARS/Resource
- ogit/generates <= ogit/MARS/Software

2.1.0.13 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/MARS/Machine

2.1.0.14 ogit/ServiceManagement/Report

Reporting about IT service delivery

- id: http://www.purl.org/ogit/ServiceManagement/Report

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

- creator: Peter Larem

- scope: NTO

- parent: ogit/Node

attributes

- optional:

    - ogit/id
    - ogit/name
    - ogit/version

outgoing edges

- ogit/relates => ogit/MARS/Machine

- ogit/relates => ogit/MARS/Software

- ogit/relates => ogit/MARS/Resource

- ogit/relates => ogit/MARS/Application

2.1.0.15 ogit/MARS/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/MARS/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/OSLC-crtv/runsOn <= ogit/OSLC-crtv/ServiceInstance

- ogit/affects <= ogit/ServiceManagement/ChangeRequest

- ogit/affects <= ogit/ServiceManagement/Incident

- ogit/affects <= ogit/ServiceManagement/Problem

- ogit/affects <= ogit/ServiceManagement/Ticket

- ogit/affects <= ogit/Event

- ogit/belongs <= ogit/Attachment

- ogit/corresponds <= ogit/ConfigurationItem

- ogit/dependsOn <= ogit/MARS/Software

- ogit/describes <= ogit/Asset

- ogit/relates <= ogit/ServiceManagement/ChangeRequest

- ogit/relates <= ogit/ServiceManagement/Report

- ogit/relates $\Leftarrow$ ogit/ConfigurationItem

- ogit/relates $\Leftarrow$ ogit/Event

- ogit/reportedOn $\Leftarrow$ ogit/ServiceManagement/ChangeRequest

- ogit/reportedOn $\Leftarrow$ ogit/ServiceManagement/Incident

- ogit/reportedOn $\Leftarrow$ ogit/ServiceManagement/Order

- ogit/reportedOn $\Leftarrow$ ogit/ServiceManagement/Problem

- ogit/reportedOn $\Leftarrow$ ogit/ServiceManagement/Ticket

outgoing edges

- ogit/contains $\Rightarrow$ ogit/Network/NetworkInterface

- ogit/generates $\Rightarrow$ ogit/Data/Log

- ogit/generates $\Rightarrow$ ogit/Timeseries

2.1.0.16 ogit/Environment

An environment describes the overall structure a user, computer or program operates in.

- id: http://www.purl.org/ogit/Environment

- valid-from: Thu Feb 08 00:00:00 UTC 2018

- creator: Viktor Voss

- scope: SGO

- parent: ogit/Node

attributes

- optional:

    - ogit/name

outgoing edges

- ogit/consistsOf $\Rightarrow$ ogit/MARS/Application

2.1.0.17 ogit/MARS/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/MARS/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

incoming edges

- ogit/affects <= ogit/ServiceManagement/ChangeRequest
- ogit/affects <= ogit/ServiceManagement/Incident
- ogit/affects <= ogit/ServiceManagement/Problem
- ogit/affects <= ogit/ServiceManagement/Ticket
- ogit/affects <= ogit/Event
- ogit/belongs <= ogit/Attachment
- ogit/corresponds <= ogit/ConfigurationItem
- ogit/dependsOn <= ogit/MARS/Application
- ogit/relates <= ogit/ServiceManagement/ChangeRequest
- ogit/relates <= ogit/ServiceManagement/Report
- ogit/relates <= ogit/ConfigurationItem
- ogit/relates <= ogit/Event
- ogit/reportedOn <= ogit/ServiceManagement/ChangeRequest
- ogit/reportedOn <= ogit/ServiceManagement/Incident
- ogit/reportedOn <= ogit/ServiceManagement/Order
- ogit/reportedOn <= ogit/ServiceManagement/Problem
- ogit/reportedOn <= ogit/ServiceManagement/Ticket

outgoing edges

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

2.1.0.18 ogit/Asset

Assets represent a physical hold of a value and are situated in a location. Assets could correspond to one or more ogit/Automation/MARSNode's and can be physical or virtual. Assets of a Service Provider include anything that could contribute to the delivery of a Service. Assets can have a type, for example: Management, Organisation, Process, Knowledge, People, Information, Applications, Infrastructure, Financial Capital.

- id: http://www.purl.org/ogit/Asset

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

- creator: Peter Larem

- scope: SGO

- parent: ogit/Node

attributes

- optional:

    – ogit/id
    – ogit/name

outgoing edges

- ogit/describes => ogit/MARS/Software

- ogit/describes => ogit/MARS/Machine

2.1.0.19 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/affects => ogit/MARS/Application
- ogit/affects => ogit/MARS/Resource
- ogit/affects => ogit/MARS/Software
- ogit/affects => ogit/MARS/Machine
- ogit/relates => ogit/MARS/Machine
- ogit/relates => ogit/MARS/Software
- ogit/relates => ogit/MARS/Resource
- ogit/relates => ogit/MARS/Application

2.1.0.20 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/MARS/Resource

2.1.0.21 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/MARS/Application

2.1.0.22 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/MARS/Application

2.1.0.23 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/MARS/Application

- ogit/generates <= ogit/MARS/Machine

- ogit/generates <= ogit/MARS/Resource

- ogit/generates <= ogit/MARS/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/MARS/Machine => ogit/Network/NetworkInterface

2.2.0.2 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/MARS/Application => ogit/Data/Log
- ogit/MARS/Application => ogit/Timeseries
- ogit/MARS/Machine => ogit/Data/Log
- ogit/MARS/Machine => ogit/Timeseries
- ogit/MARS/Resource => ogit/Data/Log
- ogit/MARS/Resource => ogit/Timeseries
- ogit/MARS/Software => ogit/Data/Log
- ogit/MARS/Software => ogit/Timeseries

2.2.0.3 ogit/describes

This relationship allows to associate additional information with an entity. The "described" node can have many "describing" nodes.

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

Allowed Connection

- ogit/Asset => ogit/MARS/Software
- ogit/Asset => ogit/MARS/Machine

2.2.0.4 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/ConfigurationItem => ogit/MARS/Application
- ogit/ConfigurationItem => ogit/MARS/Resource
- ogit/ConfigurationItem => ogit/MARS/Software
- ogit/ConfigurationItem => ogit/MARS/Machine

2.2.0.5 ogit/affects

The relationship indicates that one entity affects some other entity.

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

Allowed Connection

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Application
- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Resource
- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Software
- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Machine
- ogit/ServiceManagement/Incident => ogit/MARS/Application
- ogit/ServiceManagement/Incident => ogit/MARS/Resource
- ogit/ServiceManagement/Incident => ogit/MARS/Software
- ogit/ServiceManagement/Incident => ogit/MARS/Machine
- ogit/ServiceManagement/Problem => ogit/MARS/Application
- ogit/ServiceManagement/Problem => ogit/MARS/Resource

- ogit/ServiceManagement/Problem => ogit/MARS/Software

- ogit/ServiceManagement/Problem => ogit/MARS/Machine

- ogit/ServiceManagement/Ticket => ogit/MARS/Application

- ogit/ServiceManagement/Ticket => ogit/MARS/Resource

- ogit/ServiceManagement/Ticket => ogit/MARS/Software

- ogit/ServiceManagement/Ticket => ogit/MARS/Machine

- ogit/Event => ogit/MARS/Application

- ogit/Event => ogit/MARS/Resource

- ogit/Event => ogit/MARS/Software

- ogit/Event => ogit/MARS/Machine

2.2.0.6 ogit/OSLC-crtv/runsOn

The ComputerSystem this SoftwareServer instance is running on.

- id: `http://www.purl.org/ogit/OSLC-crtv/runsOn`

- valid-from: Thu Sep 22 00:00:00 UTC 2016

- creator: OGIT Importer

- cardinality: many2many

Allowed Connection

- ogit/OSLC-crtv/ServiceInstance => ogit/MARS/Machine

2.2.0.7 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/MARS/Application => ogit/MARS/Resource

- ogit/MARS/Resource => ogit/MARS/Software

- ogit/MARS/Software => ogit/MARS/Machine

2.2.0.8 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/SalesDistribution/Customer => ogit/MARS/Application
- ogit/SalesDistribution/SalesOrder => ogit/MARS/Application
- ogit/Attachment => ogit/MARS/Machine
- ogit/Attachment => ogit/MARS/Software
- ogit/Attachment => ogit/MARS/Resource
- ogit/Attachment => ogit/MARS/Application

2.2.0.9 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/MARS/Resource => ogit/Automation/Configuration

2.2.0.10 ogit/reportedOn

Indicates where a failure situation was initially observed. In case an incident record is created from an event management system this relationship points to the entitiy that represents the monitored device/endpoint. We call it "reportedOn" instead of "observedOn" to account for the close relation to "reportedAt", "reportedBy"

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

Allowed Connection

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Machine

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Software

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Resource

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Application

- ogit/ServiceManagement/Incident => ogit/MARS/Machine

- ogit/ServiceManagement/Incident => ogit/MARS/Software

- ogit/ServiceManagement/Incident => ogit/MARS/Resource

- ogit/ServiceManagement/Incident => ogit/MARS/Application

- ogit/ServiceManagement/Order => ogit/MARS/Machine

- ogit/ServiceManagement/Order => ogit/MARS/Software

- ogit/ServiceManagement/Order => ogit/MARS/Resource

- ogit/ServiceManagement/Order => ogit/MARS/Application

- ogit/ServiceManagement/Problem => ogit/MARS/Machine

- ogit/ServiceManagement/Problem => ogit/MARS/Software

- ogit/ServiceManagement/Problem => ogit/MARS/Resource

- ogit/ServiceManagement/Problem => ogit/MARS/Application

- ogit/ServiceManagement/Ticket => ogit/MARS/Machine

- ogit/ServiceManagement/Ticket => ogit/MARS/Software

- ogit/ServiceManagement/Ticket => ogit/MARS/Resource

- ogit/ServiceManagement/Ticket => ogit/MARS/Application

2.2.0.11 ogit/consistsOf

It shows, that the destination entity is a non-exclusive part of the source.

- id: http://www.purl.org/ogit/consistsOf

- valid-from: Tue Feb 13 00:00:00 UTC 2018

- creator: Aymen Ayoub

Allowed Connection

- ogit/Environment => ogit/MARS/Application

2.2.0.12 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/MARS/Application => ogit/License

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Machine

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Software

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Resource

- ogit/ServiceManagement/ChangeRequest => ogit/MARS/Application

- ogit/ServiceManagement/Report => ogit/MARS/Machine

- ogit/ServiceManagement/Report => ogit/MARS/Software

- ogit/ServiceManagement/Report => ogit/MARS/Resource

- ogit/ServiceManagement/Report => ogit/MARS/Application

- ogit/ConfigurationItem => ogit/MARS/Machine

- ogit/ConfigurationItem => ogit/MARS/Software

- ogit/ConfigurationItem => ogit/MARS/Resource

- ogit/ConfigurationItem => ogit/MARS/Application

- ogit/Event => ogit/MARS/Machine

- ogit/Event => ogit/MARS/Software

- ogit/Event => ogit/MARS/Resource

- ogit/Event => ogit/MARS/Application

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/MARS/Machine

2.3.0.2 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

2.3.0.3 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

used

- optional:
    - ogit/MARS/Software
    - ogit/MARS/Software

2.3.0.4 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

2.3.0.5 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/MARS/Machine

2.3.0.6 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

2.3.0.7 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

2.3.0.8 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

2.3.0.9 ogit/currency

A currency code, possibly according to ISO 4217.

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

used

- optional:
    - ogit/SalesDistribution/SalesOrder

2.3.0.10 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/ServiceManagement/ChangeRequest
    - ogit/ServiceManagement/Incident

2.3.0.11 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/ConfigurationItem

2.3.0.12 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

2.3.0.13 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/ConfigurationItem
    - ogit/MARS/Machine
    - ogit/MARS/Software

2.3.0.14 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

2.3.0.15 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/MARS/Software

2.3.0.16 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/MARS/Machine

2.3.0.17 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/MARS/Machine

2.3.0.18 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

used

- optional:
    - ogit/ConfigurationItem

2.3.0.19 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/MARS/Software

2.3.0.20 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

2.3.0.21 ogit/urgency

Contains the urgency which could be appliead to a ticket, incident etc.

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

used

- optional:
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.22 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

2.3.0.23 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

2.3.0.24 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

used

- optional:

    - ogit/ConfigurationItem

2.3.0.25 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

used

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

2.3.0.26 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/MARS/Machine
    - ogit/MARS/Software

2.3.0.27 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

2.3.0.28   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

2.3.0.29   ogit/project

Project name, for which the entity is being used.

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

used

- optional:
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.30   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

2.3.0.31 ogit/SalesDistribution/orderDate

Date of a sales order.

- id: http://www.purl.org/ogit/SalesDistribution/orderDate
- valid-from: Fri Aug 02 00:00:00 UTC 2019
- creator: Marek Meyer

used

- optional:
    - ogit/SalesDistribution/SalesOrder

2.3.0.32 ogit/SalesDistribution/amount

The amount of an item, set of items, or payment.

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

used

- optional:
    - ogit/SalesDistribution/SalesOrder

2.3.0.33 ogit/ServiceManagement/externalTicketId

If a ticket was imported/duplicated from another system this attribute will define the ticket ID from the source system.

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

used

- optional:
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.34 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

2.3.0.35 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/MARS/Resource
    - ogit/MARS/Software

2.3.0.36 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

used

- optional:
    - ogit/License

2.3.0.37 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

2.3.0.38 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

2.3.0.39 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

2.3.0.40 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/ConfigurationItem
    - ogit/ServiceManagement/ChangeRequest

2.3.0.41 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

2.3.0.42 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

used

- optional:
    - ogit/License

2.3.0.43   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

2.3.0.44   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

used

- optional:

    – ogit/ConfigurationItem

2.3.0.45   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

2.3.0.46   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 useful 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

used

- optional:

    – ogit/ConfigurationItem

2.3.0.47   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/MARS/Application
    – ogit/MARS/Machine
    – ogit/MARS/Resource
    – ogit/MARS/Software

2.3.0.48   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

2.3.0.49 ogit/status

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

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

used

- optional:
    - ogit/ConfigurationItem
    - ogit/Event
    - ogit/SalesDistribution/SalesOrder

2.3.0.50 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
    - ogit/ConfigurationItem
    - ogit/License
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.51 ogit/ServiceManagement/workAround

Defines a work around for a known problem until a permanent solution is defined.

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

used

- optional:
    - ogit/ServiceManagement/Problem

2.3.0.52 ogit/ServiceManagement/rootCause

Root cause for example of a problem ticket.

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

used

- optional:
    - ogit/ServiceManagement/Problem

2.3.0.53 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

2.3.0.54 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/MARS/Application
    - ogit/MARS/Machine
    - ogit/MARS/Resource
    - ogit/MARS/Software

2.3.0.55 ogit/ServiceManagement/problemStatus

defines the status of a problem record

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

used

- optional:
    - ogit/ServiceManagement/Problem

2.3.0.56 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/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.57 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

2.3.0.58 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

2.3.0.59 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

2.3.0.60 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/MARS/Software

2.3.0.61   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

2.3.0.62   ogit/ServiceManagement/ticketId

ID of the ticket in the source system, e.g. the ID of the ticket in BMC.

- id: http://www.purl.org/ogit/ServiceManagement/ticketId
- valid-from: Tue May 26 00:00:00 UTC 2015
- creator: Peter Larem

used

- optional:
    - ogit/ServiceManagement/Ticket

2.3.0.63   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

2.3.0.64 ogit/SalesDistribution/salesOrderId

Identifier for a sales order.

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

used

- optional:
    - ogit/SalesDistribution/SalesOrder

2.3.0.65 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

2.3.0.66 ogit/ServiceManagement/externalTicketSource

If a ticket was imported/duplicated from another system this will contain a string indentifying the source system.

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

used

- optional:
    - ogit/ServiceManagement/Order

2.3.0.67   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

2.3.0.68   ogit/closedAt

Will defined the time when a ticket was closed. The values must be combined date and time with time zone designator according to ISO 8601

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

used

- optional:
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.69   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
    - ogit/ServiceManagement/Problem

2.3.0.70 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

2.3.0.71 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

2.3.0.72 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

used

- optional:

    – ogit/ConfigurationItem

2.3.0.73 ogit/MARS/Application/subClass

Allows to further classify applications. This can be used to match KnowledgeItems specific to a certain business domain. Replaces 'ApplicationSubClass' from MARS-Schema

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

used

- mandatory:
    - ogit/MARS/Application

2.3.0.74 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

2.3.0.75 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/MARS/Machine
    - ogit/MARS/Software

2.3.0.76 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/MARS/Machine

2.3.0.77 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

2.3.0.78 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/ServiceManagement/Report

2.3.0.79   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/MARS/Machine

2.3.0.80   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/MARS/Software

2.3.0.81   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

2.3.0.82 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/MARS/Machine
    - ogit/MARS/Software

2.3.0.83 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

- optional:
    - ogit/Attachment
    - ogit/ConfigurationItem

2.3.0.84 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

2.3.0.85 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/MARS/Machine

2.3.0.86 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

2.3.0.87 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

2.3.0.88   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/MARS/Software

2.3.0.89   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

2.3.0.90   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/MARS/Machine

2.3.0.91   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/MARS/Application
  - ogit/MARS/Machine
  - ogit/MARS/Resource
  - ogit/MARS/Software
  - ogit/SalesDistribution/Customer
- optional:
  - ogit/Asset
  - ogit/Attachment
  - ogit/ConfigurationItem
  - ogit/Data/Log
  - ogit/Environment
  - ogit/SalesDistribution/SalesOrder
  - ogit/ServiceManagement/Report
  - ogit/Timeseries

2.3.0.92   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

- optional:
  - ogit/ConfigurationItem
  - ogit/Data/Log
  - ogit/Event
  - ogit/SalesDistribution/Customer
  - ogit/SalesDistribution/SalesOrder
  - ogit/ServiceManagement/Order
  - ogit/ServiceManagement/Ticket
  - ogit/Timeseries

2.3.0.93 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/ServiceManagement/ChangeRequest

2.3.0.94 ogit/externalId

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

2.3.0.95 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/ConfigurationItem
    - ogit/Event
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.96 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

2.3.0.97 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/MARS/Software

2.3.0.98 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/MARS/Machine
    - ogit/MARS/Software

2.3.0.99 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

2.3.0.100 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

2.3.0.101 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

used

- optional:
    - ogit/ServiceManagement/ChangeRequest

2.3.0.102 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

2.3.0.103 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

2.3.0.104 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

2.3.0.105 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
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.106 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/License

2.3.0.107 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

2.3.0.108 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/License

2.3.0.109 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/ConfigurationItem
    - ogit/Event

2.3.0.110 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

2.3.0.111 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/MARS/Machine

2.3.0.112 ogit/isMutable

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

- id: http://www.purl.org/ogit/isMutable

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

- creator: Peter Larem

used

- optional:

    – ogit/Timeseries

2.3.0.113 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

2.3.0.114   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/License

2.3.0.115   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

used

- optional:
    - ogit/ServiceManagement/ChangeRequest

2.3.0.116   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

2.3.0.117 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/MARS/Machine

2.3.0.118 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

2.3.0.119 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

2.3.0.120 ogit/MARS/Application/class

Used to classifiy Application nodes. Replaces 'ResourceClass' from MARS-Schema. Replaces 'ApplicationClass' from MARS-Schema

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

used

- mandatory:

    – ogit/MARS/Application

2.3.0.121 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

used

- optional:

    – ogit/ConfigurationItem

2.3.0.122 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
    – ogit/ServiceManagement/Order
    – ogit/ServiceManagement/Ticket

2.3.0.123 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

used

- optional:
    - ogit/ConfigurationItem

2.3.0.124 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/ConfigurationItem
    - ogit/Event
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.125 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

2.3.0.126 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/MARS/Machine

2.3.0.127 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/MARS/Machine

2.3.0.128 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/ConfigurationItem

  – ogit/Event

  – ogit/ServiceManagement/ChangeRequest

  – ogit/ServiceManagement/Order

  – ogit/ServiceManagement/Problem

  – ogit/ServiceManagement/Ticket

- optional:

  – ogit/Asset

  – ogit/Attachment

  – ogit/License

  – ogit/Network/NetworkInterface

  – ogit/ServiceManagement/Incident

  – ogit/ServiceManagement/Report

2.3.0.129   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/MARS/Software

2.3.0.130   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

2.3.0.131   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 desription for a problem.

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

used

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

2.3.0.132   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

2.3.0.133   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

used

- optional:
    - ogit/ConfigurationItem

2.3.0.134 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
  - ogit/ServiceManagement/Order
  - ogit/ServiceManagement/Ticket

2.3.0.135 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

2.3.0.136 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/MARS/Resource

2.3.0.137 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/MARS/Application
    - ogit/MARS/Machine
    - ogit/MARS/Resource
    - ogit/MARS/Software

2.3.0.138 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

2.3.0.139 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

used

- optional:
    - ogit/ConfigurationItem

2.3.0.140 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/MARS/Application
    - ogit/MARS/Machine
    - ogit/MARS/Resource
    - ogit/MARS/Software

2.3.0.141 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
    - ogit/MARS/Machine
    - ogit/MARS/Software

2.3.0.142 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

2.3.0.143   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

2.3.0.144   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

2.3.0.145   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/MARS/Software

2.3.0.146 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
    - ogit/ServiceManagement/Problem

2.3.0.147 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

2.3.0.148 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
    - ogit/ServiceManagement/Incident
    - ogit/ServiceManagement/Order
    - ogit/ServiceManagement/Ticket

2.3.0.149   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

2.3.0.150   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

2.3.0.151   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

used

- optional:
    - ogit/ConfigurationItem

2.3.0.152 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

2.3.0.153 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

2.3.0.154 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