

May 12, 2022

1 Module Docui	mentation	1
1.1 Entities .		1
	1.1.0.1 ogit/Organization	1
	1.1.0.2 ogit/Datacenter/Virtual/Cluster	2
	1.1.0.3 ogit/Datacenter/UPS	2
	1.1.0.4 ogit/Datacenter/Virtual/ResourcePool	3
	1.1.0.5 ogit/Datacenter/Section	4
	1.1.0.6 ogit/Person	4
	1.1.0.7 ogit/Datacenter/Virtual/PhysicalHost	5
	1.1.0.8 ogit/Datacenter/Rack	6
	1.1.0.9 ogit/Datacenter/Storage	7
	1.1.0.10 ogit/Datacenter/Server	7
	1.1.0.11 ogit/Datacenter/Datacenter	8
	1.1.0.12 ogit/Datacenter/Cooling	8
	1.1.0.13 ogit/ConfigurationItem	9
	1.1.0.14 ogit/Datacenter/Virtual/Datacenter	11
	1.1.0.15 ogit/MARS/Machine	11
	1.1.0.16 ogit/Location	12
	1.1.0.17 ogit/Datacenter/Building	13
	1.1.0.18 ogit/Asset	13
	1.1.0.19 ogit/Datacenter/Sensor	14
	1.1.0.20 ogit/Datacenter/PowerDistributionUnit	14
	1.1.0.21 ogit/Device	15
	1.1.0.22 ogit/Datacenter/Room	16
	1.1.0.23 ogit/Timeseries	17
1.2 Verbs .		18
	1.2.0.1 ogit/contains	18
	1.2.0.2 ogit/manages	18
	1.2.0.3 ogit/runsOn	19
	1.2.0.4 ogit/generates	19
	1.2.0.5 ogit/describes	20
	1.2.0.6 ogit/connects	20
	1.2.0.7 ogit/locatedIn	20
	1.2.0.8 ogit/corresponds	21
	1.2.0.9 ogit/belongs	21
	1.2.0.10 ogit/relates	21
1.3 Attributes	5	22
	1.3.0.1 ogit/MARS/Network/fqdn	22
	1.3.0.2 ogit/ciType	22
	1.3.0.3 ogit/MARS/Network/interfaceMAC	22
	1.3.0.4 ogit/category	23
	1.3.0.5 ogit/comment	23

1.3.0.6 ogit/assignedAt
1.3.0.7 ogit/endOfWarranty
1.3.0.8 ogit/postalCode
1.3.0.9 ogit/productOrderNumber
1.3.0.10 ogit/MARS/Machine/class
1.3.0.11 ogit/MARS/Machine/cpuArch
1.3.0.12 ogit/checkedOutAt
1.3.0.13 ogit/email
1.3.0.14 ogit/deliveredAt
1.3.0.15 ogit/alternativeName
1.3.0.16 ogit/isCritical
1.3.0.17 ogit/asset
1.3.0.18 ogit/function
1.3.0.19 ogit/Version/major
1.3.0.20 ogit/Datacenter/sectionId
1.3.0.21 ogit/integrity
1.3.0.22 ogit/Datacenter/rackId
1.3.0.23 ogit/country
1.3.0.24 ogit/Datacenter/roomld
1.3.0.25 ogit/businessCategory
1.3.0.26 ogit/Datacenter/datacenterId
1.3.0.27 ogit/notification
1.3.0.28 ogit/weight
1.3.0.29 ogit/sourceld
1.3.0.30 ogit/purchasedAt
1.3.0.31 ogit/isPermanent
1.3.0.32 ogit/mobilePhone
1.3.0.33 ogit/purchaseDate
1.3.0.34 ogit/startedAt
1.3.0.35 ogit/assetTag
1.3.0.36 ogit/unit
1.3.0.37 ogit/installedAt
1.3.0.38 ogit/updateCount
1.3.0.39 ogit/installStatus
1.3.0.40 ogit/city
1.3.0.41 ogit/Automation/automationState
1.3.0.42 ogit/status
1.3.0.43 ogit/createdAt
1.3.0.44 ogit/model
1.3.0.45 ogit/Automation/lifecycle
1.3.0.46 ogit/lastName
1.3.0.47 ogit/passportNumber

1.3.0.48 ogit/priority
1.3.0.49 ogit/shortDescription
1.3.0.50 ogit/middleName
1.3.0.51 ogit/invoiceNumber
1.3.0.52 ogit/soxClass
1.3.0.53 ogit/streetAddress
1.3.0.54 ogit/businessCriticality
1.3.0.55 ogit/brand
1.3.0.56 ogit/leaseContract
1.3.0.57 ogit/Datacenter/moveProductionDate
1.3.0.58 ogit/securityClass
1.3.0.59 ogit/serialNumber
1.3.0.60 ogit/firstName
1.3.0.61 ogit/MARS/Network/defaultGateway
1.3.0.62 ogit/version
1.3.0.63 ogit/title
1.3.0.64 ogit/MARS/Machine/ram
1.3.0.65 ogit/class
1.3.0.66 ogit/Version/patch
1.3.0.67 ogit/content
1.3.0.68 ogit/confidentiality
1.3.0.69 ogit/MARS/Machine/kernel
1.3.0.70 ogit/MARS/Network/ipVersion
1.3.0.71 ogit/name
1.3.0.72 ogit/description
1.3.0.73 ogit/externalld
1.3.0.74 ogit/impact
1.3.0.75 ogit/contact
1.3.0.76 ogit/Version/minor
1.3.0.77 ogit/orderedAt
1.3.0.78 ogit/faultCount
1.3.0.79 ogit/officePhone
1.3.0.80 ogit/phone
1.3.0.81 ogit/fax
1.3.0.82 ogit/type
1.3.0.83 ogit/capacity
1.3.0.84 ogit/otherPhone
1.3.0.85 ogit/subCategory
1.3.0.86 ogit/MARS/Network/interfacePrefixLength
1.3.0.87 ogit/isMutable
1.3.0.88 ogit/Datacenter/rackUnit
1.3.0.89 ogit/availability

1.3.0.90 ogit/MARS/Network/interfaceIP	51
1.3.0.91 ogit/lastScannedAt	52
1.3.0.92 ogit/subType	52
1.3.0.93 ogit/pendingChange	52
1.3.0.94 ogit/inventoryNumber	53
1.3.0.95 ogit/webPage	53
1.3.0.96 ogit/lastUpdatedAt	53
1.3.0.97 ogit/modelNumber	54
1.3.0.98 ogit/MARS/Machine/distroName	54
1.3.0.99 ogit/powerConsumption	54
1.3.0.100 ogit/MARS/Network/interfaceName	55
1.3.0.101 ogit/id	55
1.3.0.102 ogit/checkedInAt	56
1.3.0.103 ogit/Automation/marsNodeType	56
1.3.0.104 ogit/serviceContract	56
1.3.0.105 ogit/Automation/serviceStatus	57
1.3.0.106 ogit/vendor	57
1.3.0.107 ogit/Automation/governingContract	57
1.3.0.108 ogit/position	58
1.3.0.109 ogit/buildingld	58
1.3.0.110 ogit/instance	58
1.3.0.111 ogit/isSupported	59
1.3.0.112 ogit/operationalStatus	59

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

attributes

- · 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

outgoing edges

- ogit/manages => ogit/Datacenter/Room
- ogit/manages => ogit/Datacenter/Rack
- ogit/manages => ogit/Datacenter/Datacenter
- ogit/manages => ogit/Datacenter/Cooling
- ogit/manages => ogit/Datacenter/Building

1.1.0.2 ogit/Datacenter/Virtual/Cluster

This entity represents a cluster in a virtual datacenter.

- id: http://www.purl.org/ogit/Datacenter/Virtual/Cluster
- valid-from: Wed Feb 10 00:00:00 UTC 2021
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

- ogit/belongs <= ogit/Datacenter/Virtual/ResourcePool
- ogit/runsOn <= ogit/MARS/Machine

outgoing edges

- ogit/belongs => ogit/Datacenter/Virtual/Datacenter
- ogit/runsOn => ogit/Datacenter/Virtual/PhysicalHost

1.1.0.3 ogit/Datacenter/UPS

A physical UPS device (Uninterruptible power supply)

- id: http://www.purl.org/ogit/Datacenter/UPS
- · 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/Device

outgoing edges

• ogit/corresponds => ogit/Device

1.1.0.4 ogit/Datacenter/Virtual/ResourcePool

This entity represents a resource pool in virtual datacenter.

- id: http://www.purl.org/ogit/Datacenter/Virtual/ResourcePool
- valid-from: Wed Feb 10 00:00:00 UTC 2021
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

- ogit/belongs <= ogit/Datacenter/Virtual/ResourcePool
- ogit/runsOn <= ogit/MARS/Machine

outgoing edges

- ogit/belongs => ogit/Datacenter/Virtual/Cluster
- ogit/belongs => ogit/Datacenter/Virtual/ResourcePool

1.1.0.5 ogit/Datacenter/Section

A physical/logical Section within a Room

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

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/capacity
 - ogit/id

incoming edges

• ogit/contains <= ogit/Datacenter/Room

outgoing edges

- ogit/contains => ogit/Datacenter/Sensor
- ogit/contains => ogit/Datacenter/Rack

1.1.0.6 ogit/Person

A Person represents a human identity.

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

attributes

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

outgoing edges

- ogit/manages => ogit/Datacenter/Room
- ogit/manages => ogit/Datacenter/Rack
- ogit/manages => ogit/Datacenter/Datacenter
- ogit/manages => ogit/Datacenter/Cooling
- ogit/manages => ogit/Datacenter/Building

1.1.0.7 ogit/Datacenter/Virtual/PhysicalHost

This entity represents a physical host resource in a virtualized datacenter, on which virtual resources are allocated.

- id: http://www.purl.org/ogit/Datacenter/Virtual/PhysicalHost
- valid-from: Wed Feb 10 00:00:00 UTC 2021
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

ogit/runsOn <= ogit/Datacenter/Virtual/Cluster

1.1.0.8 ogit/Datacenter/Rack

A physical rack housing datacenter equipment

• id: http://www.purl.org/ogit/Datacenter/Rack

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/Datacenter/moveProductionDate
 - ogit/Datacenter/roomld
 - ogit/brand
 - ogit/capacity
 - ogit/endOfWarranty
 - ogit/id
 - ogit/model
 - ogit/powerConsumption
 - ogit/purchaseDate
 - ogit/weight

incoming edges

- ogit/contains <= ogit/Datacenter/Room
- ogit/contains <= ogit/Datacenter/Section
- ogit/describes <= ogit/Asset
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

outgoing edges

- ogit/contains => ogit/Datacenter/Sensor
- ogit/contains => ogit/Datacenter/PowerDistributionUnit
- ogit/contains => ogit/Device

1.1.0.9 ogit/Datacenter/Storage

A physical/logical Storage Unit

• id: http://www.purl.org/ogit/Datacenter/Storage

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

· creator: Peter Larem

· scope: NTO

• parent: ogit/Node

attributes

- · optional:
 - ogit/Datacenter/moveProductionDate
 - ogit/brand
 - ogit/endOfWarranty
 - ogit/id
 - ogit/model
 - ogit/purchaseDate

outgoing edges

• ogit/corresponds => ogit/Device

1.1.0.10 ogit/Datacenter/Server

A physical/logical Server

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/Datacenter/moveProductionDate
 - ogit/brand
 - ogit/endOfWarranty
 - ogit/id
 - ogit/model
 - ogit/purchaseDate

incoming edges

• ogit/relates <= ogit/ConfigurationItem

outgoing edges

- ogit/corresponds => ogit/Device
- ogit/generates => ogit/Timeseries

1.1.0.11 ogit/Datacenter/Datacenter

Represents a datacenter

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

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/capacity
 - ogit/id

incoming edges

- ogit/contains <= ogit/Datacenter/Building
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

outgoing edges

• ogit/locatedIn => ogit/Location

1.1.0.12 ogit/Datacenter/Cooling

A physical Cooling Unit used for data centers and computer rooms

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

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

· creator: Peter Larem

· scope: NTO

parent: ogit/Node

attributes

- · optional:
 - ogit/Datacenter/roomId
 - ogit/capacity
 - ogit/id
 - ogit/powerConsumption

incoming edges

- ogit/contains <= ogit/Datacenter/Room
- ogit/describes <= ogit/Asset
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

1.1.0.13 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/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

outgoing edges

ogit/relates => ogit/Datacenter/Server

1.1.0.14 ogit/Datacenter/Virtual/Datacenter

This entity represents a virtual datacenter.

• id: http://www.purl.org/ogit/Datacenter/Virtual/Datacenter

valid-from: Wed Feb 10 00:00:00 UTC 2021

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

ogit/belongs <= ogit/Datacenter/Virtual/Cluster

1.1.0.15 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: FCOscope: 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

outgoing edges

- ogit/runsOn => ogit/Datacenter/Virtual/Cluster
- ogit/runsOn => ogit/Datacenter/Virtual/ResourcePool

1.1.0.16 ogit/Location

A place where some service is offered or requested. In many cases this will be related to a an address of an Organization. Similar to http://purl.org/goodrelations/v1#Location

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

attributes

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

incoming edges

ogit/locatedIn <= ogit/Datacenter/Datacenter

1.1.0.17 ogit/Datacenter/Building

A physical Building within a location

• id: http://www.purl.org/ogit/Datacenter/Building

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/Datacenter/datacenterId
 - ogit/capacity
 - ogit/id

incoming edges

- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

outgoing edges

- ogit/contains => ogit/Datacenter/Datacenter
- ogit/contains => ogit/Datacenter/Room

1.1.0.18 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/Datacenter/Rack
- ogit/describes => ogit/Datacenter/PowerDistributionUnit
- ogit/describes => ogit/Datacenter/Cooling

1.1.0.19 ogit/Datacenter/Sensor

A sensor is a device that measures a physical quantity and converts it into a 'signal' which can be read by an observer or by an instrument.

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

attributes

- · optional:
 - ogit/Datacenter/sectionId
 - ogit/id

incoming edges

- ogit/contains <= ogit/Datacenter/Rack
- ogit/contains <= ogit/Datacenter/Room
- ogit/contains <= ogit/Datacenter/Section
- ogit/contains <= ogit/Device

1.1.0.20 ogit/Datacenter/PowerDistributionUnit

A PDU is a physical device for connecting datacenter devices with power sources

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

attributes

- · optional:
 - ogit/Datacenter/rackId
 - ogit/capacity
 - ogit/id

incoming edges

- ogit/connects <= ogit/Device
- ogit/contains <= ogit/Datacenter/Rack
- ogit/describes <= ogit/Asset

1.1.0.21 ogit/Device

Any type of device

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

attributes

- · optional:
 - ogit/Datacenter/moveProductionDate
 - ogit/endOfWarranty
 - ogit/id
 - ogit/name
 - ogit/powerConsumption
 - ogit/purchaseDate

incoming edges

- ogit/contains <= ogit/Datacenter/Rack
- ogit/corresponds <= ogit/Datacenter/Server
- ogit/corresponds <= ogit/Datacenter/Storage
- ogit/corresponds <= ogit/Datacenter/UPS

outgoing edges

- ogit/connects => ogit/Datacenter/PowerDistributionUnit
- ogit/connects => ogit/Datacenter/UPS
- ogit/contains => ogit/Datacenter/Sensor

1.1.0.22 ogit/Datacenter/Room

A physical Room within a Building

• id: http://www.purl.org/ogit/Datacenter/Room

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

· creator: Peter Larem

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/buildingId
 - ogit/capacity
 - ogit/id

incoming edges

- ogit/contains <= ogit/Datacenter/Building
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

outgoing edges

- ogit/contains => ogit/Datacenter/Rack
- ogit/contains => ogit/Datacenter/Cooling
- ogit/contains => ogit/Datacenter/Sensor
- ogit/contains => ogit/Datacenter/Section

1.1.0.23 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/isPermanent
 - ogit/name
 - ogit/unit

incoming edges

• ogit/generates <= ogit/Datacenter/Server

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/Datacenter/Building => ogit/Datacenter/Datacenter

- ogit/Datacenter/Building => ogit/Datacenter/Room
- ogit/Datacenter/Rack => ogit/Datacenter/Sensor
- ogit/Datacenter/Rack => ogit/Datacenter/PowerDistributionUnit
- ogit/Datacenter/Rack => ogit/Device
- ogit/Datacenter/Room => ogit/Datacenter/Rack
- ogit/Datacenter/Room => ogit/Datacenter/Cooling
- ogit/Datacenter/Room => ogit/Datacenter/Sensor
- ogit/Datacenter/Room => ogit/Datacenter/Section
- ogit/Datacenter/Section => ogit/Datacenter/Sensor
- ogit/Datacenter/Section => ogit/Datacenter/Rack
- ogit/Device => ogit/Datacenter/Sensor

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/Datacenter/Room
- ogit/Organization => ogit/Datacenter/Rack
- ogit/Organization => ogit/Datacenter/Datacenter
- ogit/Organization => ogit/Datacenter/Cooling
- ogit/Organization => ogit/Datacenter/Building
- ogit/Person => ogit/Datacenter/Room
- ogit/Person => ogit/Datacenter/Rack
- ogit/Person => ogit/Datacenter/Datacenter
- ogit/Person => ogit/Datacenter/Cooling
- ogit/Person => ogit/Datacenter/Building

1.2.0.3 ogit/runsOn

Shows if a certain component is running on another component.

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

Allowed Connection

- ogit/Datacenter/Virtual/Cluster => ogit/Datacenter/Virtual/PhysicalHost
- ogit/MARS/Machine => ogit/Datacenter/Virtual/Cluster
- ogit/MARS/Machine => ogit/Datacenter/Virtual/ResourcePool

1.2.0.4 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/Datacenter/Server => ogit/Timeseries

1.2.0.5 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/Datacenter/Rack

• ogit/Asset => ogit/Datacenter/PowerDistributionUnit

• ogit/Asset => ogit/Datacenter/Cooling

1.2.0.6 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/Device => ogit/Datacenter/PowerDistributionUnit
- ogit/Device => ogit/Datacenter/UPS

1.2.0.7 ogit/locatedIn

indicate that something has its place somewhere

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

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

· creator: Peter Larem

Allowed Connection

• ogit/Datacenter/Datacenter => ogit/Location

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/Datacenter/Server => ogit/Device
- ogit/Datacenter/Storage => ogit/Device
- ogit/Datacenter/UPS => ogit/Device

1.2.0.9 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/Datacenter/Virtual/Cluster => ogit/Datacenter/Virtual/Datacenter
- ogit/Datacenter/Virtual/ResourcePool => ogit/Datacenter/Virtual/Cluster
- ogit/Datacenter/Virtual/ResourcePool => ogit/Datacenter/Virtual/ResourcePool

1.2.0.10 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/ConfigurationItem => ogit/Datacenter/Server

1.3 Attributes

1.3.0.1 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

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/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- \leftarrow Schema

```
• id: http://www.purl.org/ogit/MARS/Network/interfaceMAC
```

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

• creator: fotto@arago.de

- · optional:
 - ogit/MARS/Machine

1.3.0.4 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

1.3.0.5 ogit/comment

Contains a comment.

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

used

- · optional:
 - ogit/ConfigurationItem

1.3.0.6 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.7 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/Datacenter/Rack
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage
 - ogit/Device
 - ogit/MARS/Machine

1.3.0.8 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

1.3.0.9 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.10 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

1.3.0.11 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

1.3.0.12 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

1.3.0.13 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

1.3.0.14 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

1.3.0.15 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

- · optional:
 - ogit/Person

1.3.0.16 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

1.3.0.17 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

1.3.0.18 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

- optional:
 - ogit/Organization

1.3.0.19 ogit/Version/major

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

• id: http://www.purl.org/ogit/Version/major

· valid-from: Fri May 25 00:00:00 UTC 2018

• creator: fotto@arago.de

used

- · optional:
 - ogit/MARS/Machine

1.3.0.20 ogit/Datacenter/sectionId

ID of a datacenter section.

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

used

- · optional:
 - ogit/Datacenter/Sensor

1.3.0.21 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.22 ogit/Datacenter/rackId

ID of a rack within a datacenter.

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

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

· creator: Peter Larem

used

- · optional:
 - ogit/Datacenter/PowerDistributionUnit

1.3.0.23 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

1.3.0.24 ogit/Datacenter/roomld

ID of a Room in a Datacenter.

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

- · optional:
 - ogit/Datacenter/Cooling
 - ogit/Datacenter/Rack

1.3.0.25 ogit/businessCategory

The category of a business.

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

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

• creator: Philipp Pelchmann

used

- · optional:
 - ogit/Organization

1.3.0.26 ogit/Datacenter/datacenterId

ID of a Datacenter

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

used

- · optional:
 - ogit/Datacenter/Building

1.3.0.27 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

1.3.0.28 ogit/weight

Physical weight of an entity, e.g. device/component/rack

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

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

· creator: Peter Larem

used

- · optional:
 - ogit/Datacenter/Rack

1.3.0.29 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/Organization
 - ogit/Person

1.3.0.30 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

- optional:
 - ogit/ConfigurationItem

1.3.0.31 ogit/isPermanent

If value equals "true" vertex can not be updated or deleted. E.g. after a service is provisioned.

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

• valid-from: Fri Mar 05 00:00:00 UTC 2021

· creator: Vitaly Teremasov

used

- · optional:
 - ogit/Timeseries

1.3.0.32 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

1.3.0.33 ogit/purchaseDate

Date of purchase of a device.

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

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

· creator: Peter Larem

- · optional:
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage
 - ogit/Device

1.3.0.34 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

1.3.0.35 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

1.3.0.36 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

- optional:
 - ogit/Timeseries

1.3.0.37 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

1.3.0.38 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

1.3.0.39 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

1.3.0.40 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

1.3.0.41 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/Machine

1.3.0.42 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/Organization
 - ogit/Person

1.3.0.43 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

1.3.0.44 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
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage

1.3.0.45 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

- · optional:
 - ogit/MARS/Machine

1.3.0.46 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

1.3.0.47 ogit/passportNumber

Passport number of person

- id: http://www.purl.org/ogit/passportNumber
- valid-from: Thu Aug 26 00:00:00 UTC 2021
- · creator: kaushik gondaliya

used

- optional:
 - ogit/Person

1.3.0.48 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.49 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

1.3.0.50 ogit/middleName

Middle name of a person.

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

used

- optional:
 - ogit/Person

1.3.0.51 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.52 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

1.3.0.53 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

1.3.0.54 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.55 ogit/brand

Brand/Manufacturer of a component/device.

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

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

· creator: Peter Larem

used

- · optional:
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage

1.3.0.56 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

1.3.0.57 ogit/Datacenter/moveProductionDate

Date when an device is moved to production use.

```
\bullet \  \, \textbf{id} : \\ \textbf{http://www.purl.org/ogit/Datacenter/moveProductionDate} \\
```

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

· creator: Peter Larem

- optional:
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage
 - ogit/Device

1.3.0.58 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

1.3.0.59 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/MARS/Machine

1.3.0.60 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

1.3.0.61 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

1.3.0.62 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

1.3.0.63 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

- · optional:
 - ogit/Person

1.3.0.64 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:
```

1.3.0.65 ogit/class

Class of a component/device.

- ogit/MARS/Machine

```
id: http://www.purl.org/ogit/classvalid-from: Mon Jul 27 00:00:00 UTC 2015
```

· creator: Aymen Ayoub

used

- optional:
 - ogit/ConfigurationItem

```
1.3.0.66 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

- · optional:
 - ogit/MARS/Machine

1.3.0.67 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/ConfigurationItem

1.3.0.68 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

1.3.0.69 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

- · optional:
 - ogit/MARS/Machine

1.3.0.70 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

1.3.0.71 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

- · mandatory:
 - ogit/Datacenter/Virtual/Cluster
 - ogit/Datacenter/Virtual/Datacenter
 - ogit/Datacenter/Virtual/PhysicalHost
 - ogit/Datacenter/Virtual/ResourcePool
 - ogit/Location
 - ogit/MARS/Machine
 - ogit/Organization
- · optional:
 - ogit/Asset
 - ogit/ConfigurationItem
 - ogit/Device
 - ogit/Timeseries

1.3.0.72 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/Location
 - ogit/Organization
 - ogit/Timeseries

1.3.0.73 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

1.3.0.74 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

1.3.0.75 ogit/contact

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

1.3.0.76 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

1.3.0.77 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.78 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

1.3.0.79 ogit/officePhone

The phone number in the office.

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

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

• creator: Philipp Pelchmann

used

- · optional:
 - ogit/Person

1.3.0.80 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

- · optional:
 - ogit/Organization

1.3.0.81 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

1.3.0.82 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/ConfigurationItem

1.3.0.83 ogit/capacity

General Capacity

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

- · optional:
 - ogit/Datacenter/Building
 - ogit/Datacenter/Cooling
 - ogit/Datacenter/Datacenter
 - ogit/Datacenter/PowerDistributionUnit
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Room
 - ogit/Datacenter/Section

1.3.0.84 ogit/otherPhone

The number of an other phone.

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

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

· creator: Philipp Pelchmann

used

- · optional:
 - ogit/Person

1.3.0.85 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

1.3.0.86 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

- · optional:
 - ogit/MARS/Machine

1.3.0.87 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

1.3.0.88 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

1.3.0.89 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

1.3.0.90 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

- · optional:
 - ogit/MARS/Machine

1.3.0.91 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

1.3.0.92 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

1.3.0.93 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

1.3.0.94 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

1.3.0.95 ogit/webPage

A web page.

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

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

· creator: Philipp Pelchmann

used

- optional:
 - ogit/Organization
 - ogit/Person

1.3.0.96 ogit/lastUpdatedAt

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

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

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

· creator: Peter Larem

- · optional:
 - ogit/ConfigurationItem

1.3.0.97 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

1.3.0.98 ogit/MARS/Machine/distroName

The distro name of an Operation System. For Linux you will encounter things like: 'CentOS', 'RedHat', \dots . 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

1.3.0.99 ogit/powerConsumption

Power consumption of a device.

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

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

· creator: Peter Larem

- · optional:
 - ogit/Datacenter/Cooling
 - ogit/Datacenter/Rack
 - ogit/Device

1.3.0.100 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

1.3.0.101 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
- · optional:
 - ogit/Asset
 - ogit/Datacenter/Building
 - ogit/Datacenter/Cooling
 - ogit/Datacenter/Datacenter
 - ogit/Datacenter/PowerDistributionUnit
 - ogit/Datacenter/Rack
 - ogit/Datacenter/Room
 - ogit/Datacenter/Section
 - ogit/Datacenter/Sensor
 - ogit/Datacenter/Server
 - ogit/Datacenter/Storage
 - ogit/Datacenter/UPS
 - ogit/Device

1.3.0.102 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

1.3.0.103 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/Machine

1.3.0.104 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

1.3.0.105 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/Machine

1.3.0.106 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

1.3.0.107 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

- · optional:
 - ogit/ConfigurationItem

1.3.0.108 ogit/position

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

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

• valid-from: Tue Oct 18 00:00:00 UTC 2016

· creator: Arthur Shoba

used

- · optional:
 - ogit/Person

1.3.0.109 ogit/buildingld

ID of a Building.

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

used

- · optional:
 - ogit/Datacenter/Room

1.3.0.110 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

- · optional:
 - ogit/Timeseries

1.3.0.111 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

1.3.0.112 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

- · optional:
 - ogit/ConfigurationItem