
Datacenter

April 4, 2022

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Chapter 1

Module Documentation

1.1 Entities

1.1.0.1 ogit/Organization

An identity that represents an organization, company, or some other grouping of Person objects. Entities of this type should be created with a predefined ID. Those IDs should be named like a domain name, i.e. a concatenation 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/sourceId](#)
 - [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/sourceId](#)
 - [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/roomId](#)
 - [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/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/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: 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](#)

outgoing edges

- [ogit/runsOn](#) => [ogit/Datacenter/Virtual/Cluster](#)
- [ogit/runsOn](#) => [ogit/Datacenter/Virtual/ResourcePool](#)

1.1.0.16 [ogit/Location](#)

A place where some 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 whether one entity could correspond 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-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](#)

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

used

- 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

used

- 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 of '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

used

- 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

used

- 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 field 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

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

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

used

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

1.3.0.19 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 principle that ensures data and Configuration Items are only modified by authorized personnel and Activities

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

used

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

1.3.0.22 `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/roomId`

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

used

- 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

used

- 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/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/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

used

- 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

used

- 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

used

- 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 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](#)

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

used

- 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 Kährlitz

used

- 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

used

- 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

used

- 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

used

- 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.

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

used

- 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

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](#)

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

used

- 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 title.

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

used

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

1.3.0.64 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:
 - [ogit/MARS/Machine](#)

1.3.0.65 ogit/class

Class of a component/device.

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

used

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

1.3.0.66 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

used

- 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

used

- optional:
 - [ogit/MARS/Machine](#)

1.3.0.70 ogit/MARS/Network/ipVersion

Allows 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 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

used

- 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/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](#)

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

used

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

1.3.0.75 ogit/contact

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

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

used

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

1.3.0.76 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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', 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

used

- 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

used

- 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

used

- 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

used

- 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/buildingId

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

used

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

1.3.0.111 ogit/isSupported

Indicates whether the service currently is supported. This field 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 useful 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](#)