

March 1, 2021

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# **Chapter 1**

# **Module Documentation**

# 1.1 Entities

### 1.1.0.1 ogit/Organization

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

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

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

· creator: Peter Larem

· scope: SGO

· parent: ogit/Node

### 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/Health/Diagnostics/Equipment

### 1.1.0.2 ogit/Location/Address

#### A street address.

• id: http://www.purl.org/ogit/Location/Address

· valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

#### attributes

- · mandatory:
  - ogit/name
- optional:
  - ogit/Location/city
  - ogit/Location/country
  - ogit/Location/state
  - ogit/Location/streetName
  - ogit/Location/streetNumber
  - ogit/Location/zipCode

### incoming edges

• ogit/locatedAt <= ogit/Health/Diagnostics/TestStation

### 1.1.0.3 ogit/Health/Diagnostics/TestStation

A station where diagnostics tests can be performed.

• id: http://www.purl.org/ogit/Health/Diagnostics/TestStation

valid-from: Mon Sep 28 00:00:00 UTC 2020

· creator: Marek Meyer

• scope: NTO

• parent: ogit/Node

#### attributes

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

### incoming edges

- ogit/belongs <= ogit/Health/Diagnostics/Equipment
- ogit/uses <= ogit/Person

# outgoing edges

- ogit/locatedAt => ogit/Location/Address
- ogit/performs => ogit/Health/Diagnostics/Test

### 1.1.0.4 ogit/Health/Diagnostics/Test

### Test

- id: http://www.purl.org/ogit/Health/Diagnostics/Test
- · valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Viktor Voss
- · scope: NTO
- · parent: ogit/Node

### attributes

- · optional:
  - ogit/Health/Diagnostics/ICDCode
  - ogit/Health/Diagnostics/appID
  - ogit/Health/Diagnostics/equipmentID
  - ogit/Health/Diagnostics/errorCode
  - ogit/Health/Diagnostics/firmwareVersion
  - ogit/Health/Diagnostics/liquidContactTime
  - ogit/Health/Diagnostics/sensorID
  - ogit/Health/Diagnostics/testCompletedAt
  - ogit/Health/Diagnostics/testDate
  - ogit/Health/Diagnostics/testMethod
  - ogit/Health/Diagnostics/testResult
  - ogit/Health/Diagnostics/testStartedAt
  - ogit/Mobile/appVersion

### incoming edges

- ogit/connects <= ogit/Mobile/AppInstance
- ogit/manages <= ogit/Person
- ogit/performs <= ogit/Health/Diagnostics/Equipment
- ogit/performs <= ogit/Health/Diagnostics/Laboratory
- ogit/performs <= ogit/Health/Diagnostics/TestStation

### outgoing edges

- ogit/describes => ogit/Person
- ogit/generates => ogit/Attachment
- ogit/generates => ogit/Timeseries
- ogit/includes => ogit/Health/Diagnostics/Anamnesis
- ogit/includes => ogit/Health/Diagnostics/Demographics

### 1.1.0.5 ogit/Health/Diagnostics/Laboratory

### Test Laboratory

- id: http://www.purl.org/ogit/Health/Diagnostics/Laboratory
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Viktor Voss
- · scope: NTO
- · parent: ogit/Node

### attributes

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

### outgoing edges

- ogit/manages => ogit/Health/Diagnostics/Equipment
- ogit/performs => ogit/Health/Diagnostics/Test

### 1.1.0.6 ogit/Mobile/AppInstance

Mobile application instance.

• id: http://www.purl.org/ogit/Mobile/AppInstance

• valid-from: Sun Mar 15 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

· scope: NTO

· parent: ogit/Node

### attributes

- · optional:
  - ogit/Mobile/appConfigMode
  - ogit/Mobile/appPermissions
  - ogit/Mobile/appVersion
  - ogit/Mobile/bundleID
  - ogit/Mobile/deviceCodeName
  - ogit/Mobile/deviceModel
  - ogit/Mobile/devicePlatform
  - ogit/Mobile/deviceType
  - ogit/Mobile/firebaseToken
  - ogit/Mobile/lastActive
  - ogit/Mobile/osRadio
  - ogit/Mobile/osVersion
  - ogit/Mobile/registrationType
  - ogit/Mobile/uuid
  - ogit/consentLevel
  - ogit/description
  - ogit/manufacturer

# outgoing edges

- ogit/connects => ogit/Health/Diagnostics/Test
- ogit/generates => ogit/Health/Diagnostics/Demographics

### 1.1.0.7 ogit/Person

### A Person represents a human identity.

• id: http://www.purl.org/ogit/Person

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

· creator: Peter Larem

· scope: SGO

· parent: ogit/Node

### attributes

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

### incoming edges

• ogit/describes <= ogit/Health/Diagnostics/Test

### outgoing edges

- ogit/manages => ogit/Health/Diagnostics/Equipment
- ogit/manages => ogit/Health/Diagnostics/Test
- ogit/uses => ogit/Health/Diagnostics/TestStation

### 1.1.0.8 ogit/Health/Diagnostics/Equipment

Test Equipment (Sensor Hub). UDI of Sensor Hub is saved in the xid attribute

• id: http://www.purl.org/ogit/Health/Diagnostics/Equipment

• valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Viktor Voss

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/Health/Diagnostics/batteryLevel
  - ogit/Health/Diagnostics/batteryState
  - ogit/Health/Diagnostics/equipmentID
  - ogit/Health/Diagnostics/equipmentState
  - ogit/Health/Diagnostics/equipmentStateChangeTime
  - ogit/Health/Diagnostics/firmwareVersion
  - ogit/Mobile/activationTime
  - ogit/Mobile/deviceModel

### incoming edges

- ogit/manages <= ogit/Health/Diagnostics/Laboratory
- ogit/manages <= ogit/Organization
- ogit/manages <= ogit/Person

### outgoing edges

- ogit/belongs => ogit/Health/Diagnostics/TestStation
- ogit/generates => ogit/Timeseries
- ogit/performs => ogit/Health/Diagnostics/Test

### 1.1.0.9 ogit/Health/Diagnostics/Demographics

### Demographics data of user

- id: http://www.purl.org/ogit/Health/Diagnostics/Demographics
- valid-from: Tue Sep 15 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya
- · scope: NTO
- · parent: ogit/Node

#### attributes

- · optional:
  - ogit/Health/Diagnostics/birthyearRange
  - ogit/Health/Diagnostics/symptoms
  - ogit/Location/residenceCountry
  - ogit/Location/zipCode
  - ogit/gender
  - ogit/latitude
  - ogit/longitude

### incoming edges

- ogit/generates <= ogit/Mobile/AppInstance
- ogit/includes <= ogit/Health/Diagnostics/Test

### 1.1.0.10 ogit/Attachment

This entity defines a file attachment that an IT service, issue, task or a ticket might have. The attachment itself is not saved in GraphIT, instead it contains an external url link for it.

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

### attributes

- · optional:
  - ogit/accessControl
  - ogit/content
  - ogit/createdAt
  - ogit/creator
  - ogit/id
  - ogit/lastUpdatedAt
  - ogit/lastUpdatedBy
  - ogit/name
  - ogit/size
  - ogit/sourceTable
  - ogit/type
  - ogit/url

### incoming edges

• ogit/generates <= ogit/Health/Diagnostics/Test

### 1.1.0.11 ogit/Health/Diagnostics/Anamnesis

### Anamnesis (Demographics)

• id: http://www.purl.org/ogit/Health/Diagnostics/Anamnesis

valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Viktor Voss

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/Health/Diagnostics/appID
  - ogit/Health/Diagnostics/symptoms
  - ogit/Mobile/appVersion
  - ogit/Mobile/deviceModel
  - ogit/Mobile/devicePlatform
  - ogit/Mobile/osVersion
  - ogit/gender
  - ogit/latitude
  - ogit/locationAcquisitionTime
  - ogit/locationPrecision
  - ogit/longitude
  - ogit/manufacturer
  - ogit/yearOfBirth

# incoming edges

• ogit/includes <= ogit/Health/Diagnostics/Test

# 1.1.0.12 ogit/Timeseries

A time series is a sequence of data points, measured typically at successive points in time spaced at uniform time intervals.

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

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

· creator: Peter Larem

scope: SGO

parent: ogit/Node

# attributes

- optional:
  - ogit/description
  - ogit/instance
  - ogit/isMutable
  - ogit/name
  - ogit/unit

# incoming edges

- ogit/generates <= ogit/Health/Diagnostics/Equipment
- ogit/generates <= ogit/Health/Diagnostics/Test

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### 1.2 Verbs

### 1.2.0.1 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/Health/Diagnostics/Laboratory => ogit/Health/Diagnostics/Equipment

- ogit/Organization => ogit/Health/Diagnostics/Equipment
- ogit/Person => ogit/Health/Diagnostics/Equipment
- ogit/Person => ogit/Health/Diagnostics/Test

### 1.2.0.2 ogit/generates

Verb indicating if an entity generates another entity.

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

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

· creator: Peter Larem

### **Allowed Connection**

- ogit/Health/Diagnostics/Equipment => ogit/Timeseries
- ogit/Health/Diagnostics/Test => ogit/Attachment
- ogit/Health/Diagnostics/Test => ogit/Timeseries
- ogit/Mobile/AppInstance => ogit/Health/Diagnostics/Demographics

### 1.2.0.3 ogit/locatedAt

Indicates that an entity is located at another entity.

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

• valid-from: Fri Sep 20 00:00:00 UTC 2019

· creator: Marek Meyer

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#### **Allowed Connection**

ogit/Health/Diagnostics/TestStation => ogit/Location/Address

### 1.2.0.4 ogit/includes

Indicates if an entity includes something else.

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

· valid-from: Thu Jul 05 00:00:00 UTC 2018

• creator: qikram@arago.de

### **Allowed Connection**

- ogit/Health/Diagnostics/Test => ogit/Health/Diagnostics/Anamnesis
- ogit/Health/Diagnostics/Test => ogit/Health/Diagnostics/Demographics

### 1.2.0.5 ogit/performs

### TODO.

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

valid-from: Thu Feb 25 00:00:00 UTC 2016

• creator: bneal@arago.de

### **Allowed Connection**

- ogit/Health/Diagnostics/Equipment => ogit/Health/Diagnostics/Test
- ogit/Health/Diagnostics/Laboratory => ogit/Health/Diagnostics/Test
- ogit/Health/Diagnostics/TestStation => ogit/Health/Diagnostics/Test

### 1.2.0.6 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

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### **Allowed Connection**

• ogit/Health/Diagnostics/Test => ogit/Person

#### 1.2.0.7 ogit/connects

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

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

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

· creator: Peter Larem

### **Allowed Connection**

• ogit/Mobile/AppInstance => ogit/Health/Diagnostics/Test

### 1.2.0.8 ogit/belongs

Verb showing if one entity belongs to another.

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

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

· creator: Peter Larem

### **Allowed Connection**

• ogit/Health/Diagnostics/Equipment => ogit/Health/Diagnostics/TestStation

### 1.2.0.9 ogit/uses

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

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

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

· creator: Peter Larem

### **Allowed Connection**

ogit/Person => ogit/Health/Diagnostics/TestStation

### 1.3 Attributes

### 1.3.0.1 ogit/manufacturer

Manufacturer of a device or component.

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

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

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Mobile/AppInstance

### 1.3.0.2 ogit/Health/Diagnostics/batteryLevel

battery level of equipment.

- id: http://www.purl.org/ogit/Health/Diagnostics/batteryLevel
- valid-from: Tue Sep 15 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

used

- optional:
  - ogit/Health/Diagnostics/Equipment

### 1.3.0.3 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

- · optional:
  - ogit/Health/Diagnostics/Laboratory
  - ogit/Organization

### 1.3.0.4 ogit/Health/Diagnostics/equipmentID

UDI of an equipment, for example a Sensor Hub.

• id: http://www.purl.org/ogit/Health/Diagnostics/equipmentID

• valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Marek Meyer

#### used

- · optional:
  - ogit/Health/Diagnostics/Equipment
  - ogit/Health/Diagnostics/Test

### 1.3.0.5 ogit/Mobile/bundleID

bundle id of the application, i.e debug, release.

```
• id: http://www.purl.org/ogit/Mobile/bundleID
```

• valid-from: Thu Aug 27 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

#### used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.6 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

- · optional:
  - ogit/Health/Diagnostics/Laboratory
  - ogit/Organization
  - ogit/Person

### 1.3.0.7 ogit/Health/Diagnostics/equipmentState

current equipment State.

• id: http://www.purl.org/ogit/Health/Diagnostics/equipmentState

• valid-from: Tue Sep 15 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Equipment

### 1.3.0.8 ogit/Location/streetNumber

The number of a street address.

- id: http://www.purl.org/ogit/Location/streetNumber
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
  - ogit/Location/Address

### 1.3.0.9 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

### 1.3.0.10 ogit/function

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

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

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

· creator: Peter Larem

used

- · optional:
  - ogit/Health/Diagnostics/Laboratory
  - ogit/Organization

#### 1.3.0.11 ogit/locationPrecision

Estimated precision (in meters) of location.

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

valid-from: Mon Aug 24 00:00:00 UTC 2020

· creator: Kaushik gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis

# 1.3.0.12 ogit/Mobile/lastActive

the last day when app was used.

```
• id: http://www.purl.org/ogit/Mobile/lastActive
```

· valid-from: Thu Jul 09 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.13 ogit/yearOfBirth

Birth year of person.

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

• valid-from: Mon Aug 24 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis

### 1.3.0.14 ogit/Health/Diagnostics/testResult

Test result (positive, negative, inconclusive).

- id: http://www.purl.org/ogit/Health/Diagnostics/testResult
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Test

# 1.3.0.15 ogit/Health/Diagnostics/errorCode

Error code.

- id: http://www.purl.org/ogit/Health/Diagnostics/errorCode
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.16 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/Health/Diagnostics/Laboratory
  - ogit/Organization

### 1.3.0.17 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

### 1.3.0.18 ogit/Health/Diagnostics/batteryState

current battery State.

- id: http://www.purl.org/ogit/Health/Diagnostics/batteryState
- valid-from: Tue Sep 15 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Health/Diagnostics/Equipment

### 1.3.0.19 ogit/Location/zipCode

The zip code of a city.

• id: http://www.purl.org/ogit/Location/zipCode

· valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Demographics
  - ogit/Location/Address

### 1.3.0.20 ogit/Health/Diagnostics/ICDCode

Code assigned to diagnoses of diseases and other health problems according to ICD (International Classification of Diseases and Related Health Problems). More information at  $https://icd.who. \leftarrow int/icdl1refguide/en/index.html$ 

- id: http://www.purl.org/ogit/Health/Diagnostics/ICDCode
- valid-from: Thu Jan 21 00:00:00 UTC 2021
- creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Test

# 1.3.0.21 ogit/Mobile/deviceType

type of device such as Mobile, FOB...

- id: http://www.purl.org/ogit/Mobile/deviceType
- · valid-from: Mon Mar 16 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.22 ogit/Location/city

The name of a city.

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

• valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
  - ogit/Location/Address

### 1.3.0.23 ogit/notification

A notification.

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

used

- optional:
  - ogit/Person

# 1.3.0.24 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

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

### 1.3.0.25 ogit/url

Contains an URL (unified resource locator)

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

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

· creator: Peter Larem

### used

- · optional:
  - ogit/Attachment

### 1.3.0.26 ogit/Mobile/osVersion

operating system version on which application is installed

```
• id: http://www.purl.org/ogit/Mobile/osVersion
```

• valid-from: Mon Mar 16 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

#### used

- optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Mobile/AppInstance

### 1.3.0.27 ogit/latitude

It is a geographic coordinate that specifies the north-south position of a point on the Earth's surface..

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

· valid-from: Mon Aug 24 00:00:00 UTC 2020

· creator: Kaushik gondaliya

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.28 ogit/Mobile/deviceCodeName

device code names, for ex walleye for google pixel 2.

```
• id: http://www.purl.org/ogit/Mobile/deviceCodeName
```

• valid-from: Mon Aug 31 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.29 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

# 1.3.0.30 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

### 1.3.0.31 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/Health/Diagnostics/Laboratory
  - ogit/Organization

#### 1.3.0.32 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/Health/Diagnostics/TestStation
  - ogit/Organization
  - ogit/Person

### 1.3.0.33 ogit/Health/Diagnostics/equipmentStateChangeTime

time when equipment state was updated (timestamp in millisecond).

- $\bullet \ id: \verb|http://www.purl.org/ogit/Health/Diagnostics/equipmentStateChangeTime| \\$
- valid-from: Tue Sep 15 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Health/Diagnostics/Equipment

### 1.3.0.34 ogit/createdAt

Defines a point in time when a ticket/incident/event etc was created or recorded.

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

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

· creator: Peter Larem

used

- · optional:
  - ogit/Attachment

### 1.3.0.35 ogit/Location/streetName

The name of a street.

- id: http://www.purl.org/ogit/Location/streetName
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
  - ogit/Location/Address

# 1.3.0.36 ogit/Mobile/appPermissions

permission available for the application

- id: http://www.purl.org/ogit/Mobile/appPermissions
- valid-from: Mon Mar 16 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.37 ogit/longitude

It is a geographic coordinate that specifies the east-west position of a point on the Earth's surface.

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

• valid-from: Mon Aug 24 00:00:00 UTC 2020

· creator: Kaushik gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.38 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

### 1.3.0.39 ogit/Mobile/firebaseToken

firebaseToken

```
• id: http://www.purl.org/ogit/Mobile/firebaseToken
```

• valid-from: Tue Apr 07 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.40 ogit/Location/residenceCountry

The name of a residence country.

• id: http://www.purl.org/ogit/Location/residenceCountry

· valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.41 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

### 1.3.0.42 ogit/accessControl

The access control level of this Node. Value could mean different things to different applications / policies. Initial intent is that policies would treat "public-read" (inspired by Amazon AWS S3 ACLs) to mean anyone would have read-only access to this node.

- id: http://www.purl.org/ogit/accessControl
- valid-from: Thu Mar 26 00:00:00 UTC 2015
- · creator: Chris Walker

- · optional:
  - ogit/Attachment

### 1.3.0.43 ogit/Mobile/registrationType

registration Type, to identify push notification service used, if yes then which one

```
• id: http://www.purl.org/ogit/Mobile/registrationType
```

• valid-from: Tue Apr 07 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.44 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/Health/Diagnostics/Laboratory
  - ogit/Organization

### 1.3.0.45 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

### 1.3.0.46 ogit/Mobile/appConfigMode

app cofiguration mode, i.e debug, release.

• id: http://www.purl.org/ogit/Mobile/appConfigMode

• valid-from: Thu Aug 27 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.47 ogit/Mobile/uuid

uuid is unique identifier for application.

- id: http://www.purl.org/ogit/Mobile/uuid
- valid-from: Mon Mar 16 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.48 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

### 1.3.0.49 ogit/Health/Diagnostics/appID

UDI of App (if paired).

• id: http://www.purl.org/ogit/Health/Diagnostics/appID

· valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Marek Meyer

#### used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Test

### 1.3.0.50 ogit/Mobile/deviceModel

model of device

- id: http://www.purl.org/ogit/Mobile/deviceModel
- valid-from: Mon Mar 16 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Equipment
  - ogit/Mobile/AppInstance

# 1.3.0.51 ogit/Health/Diagnostics/liquidContactTime

liquid contact time.

- id: http://www.purl.org/ogit/Health/Diagnostics/liquidContactTime
- · valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.52 ogit/Health/Diagnostics/testCompletedAt

timestamp of test completion.

• id: http://www.purl.org/ogit/Health/Diagnostics/testCompletedAt

· valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.53 ogit/content

A string holding any type of content: plain string, XML fragments, RDF documents, ...

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

used

- · optional:
  - ogit/Attachment

# 1.3.0.54 ogit/Health/Diagnostics/symptoms

symptoms (enum).

- id: http://www.purl.org/ogit/Health/Diagnostics/symptoms
- · valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

- optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.55 ogit/Mobile/devicePlatform

Platform of device i.e ios, android..

• id: http://www.purl.org/ogit/Mobile/devicePlatform

• valid-from: Mon Mar 16 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

#### used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Mobile/AppInstance

### 1.3.0.56 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/Health/Diagnostics/Laboratory
  - ogit/Health/Diagnostics/TestStation
  - ogit/Location/Address
  - ogit/Organization
- · optional:
  - ogit/Attachment
  - ogit/Timeseries

### 1.3.0.57 ogit/Health/Diagnostics/testDate

Date when Test is performed.

- id: http://www.purl.org/ogit/Health/Diagnostics/testDate
- valid-from: Tue Oct 27 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.58 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/Health/Diagnostics/Laboratory
  - ogit/Health/Diagnostics/TestStation
  - ogit/Mobile/AppInstance
  - ogit/Organization
  - ogit/Timeseries

### 1.3.0.59 ogit/consentLevel

formal agreement with contact.

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

· valid-from: Mon Mar 16 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

### used

- · optional:
  - ogit/Mobile/AppInstance

# 1.3.0.60 ogit/Location/country

The name of a country.

```
• id: http://www.purl.org/ogit/Location/country
```

valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

- optional:
  - ogit/Location/Address

### 1.3.0.61 ogit/locationAcquisitionTime

Timestamp (with millisecond resolution) of acqusition of location..

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

• valid-from: Mon Aug 24 00:00:00 UTC 2020

· creator: Kaushik gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis

### 1.3.0.62 ogit/lastUpdatedBy

Defines the last person or process who updated an entity.

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

valid-from: Mon Jul 20 00:00:00 UTC 2015

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Attachment

### 1.3.0.63 ogit/Health/Diagnostics/birthyearRange

Birth year in range ("before 1910", "1910-1920").

- id: http://www.purl.org/ogit/Health/Diagnostics/birthyearRange
- valid-from: Mon Sep 14 00:00:00 UTC 2020
- · creator: Marek Meyer

- · optional:
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.64 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

### 1.3.0.65 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/Health/Diagnostics/Laboratory
  - ogit/Organization

1.3.0.66 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

- optional:
  - ogit/Person

### 1.3.0.67 ogit/Health/Diagnostics/testStartedAt

timestamp of test start.

• id: http://www.purl.org/ogit/Health/Diagnostics/testStartedAt

· valid-from: Fri Aug 14 00:00:00 UTC 2020

· creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.68 ogit/Health/Diagnostics/firmwareVersion

Sensor Hub firmware version.

- id: http://www.purl.org/ogit/Health/Diagnostics/firmwareVersion
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

used

- · optional:
  - ogit/Health/Diagnostics/Equipment
  - ogit/Health/Diagnostics/Test

### 1.3.0.69 ogit/Health/Diagnostics/testCounter

test counter (how often has this sensor been used - should always be 1!).

- id: http://www.purl.org/ogit/Health/Diagnostics/testCounter
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

### 1.3.0.70 ogit/type

Type of an an entity.

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

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

· creator: Peter Larem

used

- · optional:
  - ogit/Attachment

### 1.3.0.71 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

# 1.3.0.72 ogit/Health/Diagnostics/sensorID

UDI of bio sensor (= Test ID).

- $\bullet \ \, \textbf{id} : \\ \textbf{http://www.purl.org/ogit/Health/Diagnostics/sensorID} \\$
- valid-from: Fri Aug 14 00:00:00 UTC 2020
- · creator: Marek Meyer

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.73 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

### 1.3.0.74 ogit/sourceTable

Contains the source table, that stores where the data are coming from.

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

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

· creator: Aymen Ayoub

used

- · optional:
  - ogit/Attachment

1.3.0.75 ogit/creator

Creator of an entity.

- id: http://www.purl.org/ogit/creator
- valid-from: Thu Aug 20 00:00:00 UTC 2015
- creator: Aymen Ayoub

- · optional:
  - ogit/Attachment

### 1.3.0.76 ogit/Location/state

The name of a state.

```
• id: http://www.purl.org/ogit/Location/state
```

• valid-from: Fri Aug 23 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
  - ogit/Location/Address

### 1.3.0.77 ogit/Health/Diagnostics/testMethod

Test method (PCR, Antigen, Antibody).

```
• id: http://www.purl.org/ogit/Health/Diagnostics/testMethod
```

• valid-from: Tue Oct 27 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Test

### 1.3.0.78 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

- · optional:
  - ogit/Health/Diagnostics/Laboratory
  - ogit/Organization
  - ogit/Person

### 1.3.0.79 ogit/lastUpdatedAt

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

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

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

· creator: Peter Larem

used

- · optional:
  - ogit/Attachment

1.3.0.80 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

- · optional:
  - ogit/Attachment

1.3.0.81 ogit/size

The size, e.g. of a file.

- id: http://www.purl.org/ogit/size
- valid-from: Thu Mar 26 00:00:00 UTC 2015
- · creator: arago Technologies

- · optional:
  - ogit/Attachment

### 1.3.0.82 ogit/Mobile/osRadio

internal chipset or design identifier for mobile phones.

```
• id: http://www.purl.org/ogit/Mobile/osRadio
```

• valid-from: Thu Aug 27 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/AppInstance

### 1.3.0.83 ogit/Mobile/activationTime

time when licence code is activated.

- id: http://www.purl.org/ogit/Mobile/activationTime
- valid-from: Thu Jul 09 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Equipment

### 1.3.0.84 ogit/position

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

- id: http://www.purl.org/ogit/position
- valid-from: Tue Oct 18 00:00:00 UTC 2016
- · creator: Arthur Shoba

- · optional:
  - ogit/Person

### 1.3.0.85 ogit/Mobile/appVersion

mobile application version

• id: http://www.purl.org/ogit/Mobile/appVersion

valid-from: Mon Mar 16 00:00:00 UTC 2020

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Test
  - ogit/Mobile/AppInstance

### 1.3.0.86 ogit/gender

person's gender(sex). i.e male, female..

- id: http://www.purl.org/ogit/gender
- valid-from: Mon Aug 24 00:00:00 UTC 2020
- · creator: Kaushik gondaliya

used

- · optional:
  - ogit/Health/Diagnostics/Anamnesis
  - ogit/Health/Diagnostics/Demographics

### 1.3.0.87 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