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Chapter 1

Module Documentation

1.1 Entities

1.1.0.1 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/appID
 - ogit/Health/Diagnostics/equipmentID
 - ogit/Health/Diagnostics/errorCode
 - ogit/Health/Diagnostics/firmwareVersion
 - ogit/Health/Diagnostics/sensorID
 - ogit/Health/Diagnostics/testCompletedAt
 - ogit/Health/Diagnostics/testResult
 - ogit/Health/Diagnostics/testStartedAt
 - ogit/Mobile/appVersion

incoming edges

- ogit/manages <= ogit/Person
- ogit/performs <= ogit/Health/Diagnostics/Equipment
- ogit/performs <= ogit/Health/Diagnostics/Laboratory

outgoing edges

- ogit/generates => ogit/Attachment
- ogit/includes => ogit/Health/Diagnostics/Anamnesis

1.1.0.2 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

1.1.0.3 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

outgoing edges

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

1.1.0.4 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/equipmentID
 - ogit/Health/Diagnostics/firmwareVersion
 - ogit/Mobile/activationTime
 - ogit/Mobile/deviceModel

incoming edges

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

outgoing edges

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

1.1.0.5 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

1.1.0.6 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

incoming edges

• ogit/includes <= 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/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/Test => ogit/Attachment

1.2.0.3 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

1.2.0.4 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

1.3 Attributes

1.3.0.1 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/Health/Diagnostics/Laboratory

1.3.0.2 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

1.3.0.3 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/Person

1.3.0.4 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

1.3.0.5 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

1.3.0.6 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

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

1.3.0.7 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

used

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

1.3.0.8 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

1.3.0.9 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

1.3.0.10 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/Person

1.3.0.11 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

1.3.0.12 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

- · optional:
 - ogit/Person

1.3.0.13 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

1.3.0.14 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/Person

1.3.0.15 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

- · optional:
 - ogit/Attachment

1.3.0.16 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

1.3.0.17 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

1.3.0.18 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

1.3.0.19 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

1.3.0.20 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

1.3.0.21 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

1.3.0.22 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

1.3.0.23 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/Equipment

1.3.0.24 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

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

1.3.0.25 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

1.3.0.26 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

used

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

1.3.0.27 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/Health/Diagnostics/Laboratory
- optional:
 - ogit/Attachment

1.3.0.28 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

1.3.0.29 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

1.3.0.30 ogit/officePhone

The phone number in the office.

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

- · optional:
 - ogit/Person

1.3.0.31 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

1.3.0.32 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

1.3.0.33 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

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

1.3.0.34 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

1.3.0.35 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

1.3.0.36 ogit/type

Type of an an entity.

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

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

· creator: Peter Larem

- · optional:
 - ogit/Attachment

1.3.0.37 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

1.3.0.38 ogit/Health/Diagnostics/sensorID

UDI of bio sensor (= Test ID).

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

used

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

1.3.0.39 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

- · optional:
 - ogit/Attachment

1.3.0.40 ogit/creator

Creator of an entity.

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

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

· creator: Aymen Ayoub

used

- · optional:
 - ogit/Attachment

1.3.0.41 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/Health/Diagnostics/Laboratory
 - ogit/Person

1.3.0.42 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/Attachment

1.3.0.43 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

1.3.0.44 ogit/size

The size, e.g. of a file.

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

used

- optional:
 - ogit/Attachment

1.3.0.45 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

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

1.3.0.46 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

1.3.0.47 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

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