Health

August 19, 2020

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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/sourceId
  - 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

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

used

- 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

used

- 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

used

- optional:
  - ogit/Person

1.3.0.10 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/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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

- 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

used

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