

1 Module Docu	mentation	1
1.1 Entities .		1
	1.1.0.1 ogit/Organization	1
	1.1.0.2 ogit/Mobile/LicenceCodes	2
	1.1.0.3 ogit/Health/Diagnostics/Test	2
	1.1.0.4 ogit/Mobile/AppInstance	3
	1.1.0.5 ogit/Person	4
	1.1.0.6 ogit/Mobile/Message	5
	1.1.0.7 ogit/Mobile/HealthInfo	5
	1.1.0.8 ogit/Mobile/DeviceSpecifications	6
	1.1.0.9 ogit/Mobile/Encounter	6
	1.1.0.10 ogit/Health/Diagnostics/Demographics	7
	1.1.0.11 ogit/Auth/Account	8
	1.1.0.12 ogit/Mobile/MsgTemplate	8
	1.1.0.13 ogit/Timeseries	9
1.2 Verbs .		10
	1.2.0.1 ogit/generates	10
	1.2.0.2 ogit/connects	10
	1.2.0.3 ogit/belongs	10
	1.2.0.4 ogit/uses	11
	1.2.0.5 ogit/has	11
1.3 Attributes	<b>3</b>	12
	1.3.0.1 ogit/manufacturer	12
	1.3.0.2 ogit/Mobile/licenceCode	12
	1.3.0.3 ogit/postalCode	12
	1.3.0.4 ogit/Mobile/healthStatus	13
	1.3.0.5 ogit/Mobile/TXcorrection	13
	1.3.0.6 ogit/Health/Diagnostics/equipmentID	13
	1.3.0.7 ogit/Mobile/bundleID	14
	1.3.0.8 ogit/email	14
	1.3.0.9 ogit/Mobile/category	14
	1.3.0.10 ogit/Mobile/message	15
	1.3.0.11 ogit/alternativeName	15
	1.3.0.12 ogit/function	15
	1.3.0.13 ogit/source	16
	1.3.0.14 ogit/Mobile/lastActive	16
	1.3.0.15 ogit/Health/Diagnostics/testResult	16
	1.3.0.16 ogit/Health/Diagnostics/errorCode	17
	1.3.0.17 ogit/country	17
	1.3.0.18 ogit/businessCategory	17
	1.3.0.19 ogit/Location/zipCode	18
	1.3.0.20 ogit/Health/Diagnostics/ICDCode	18

1.3.0.21 ogit/Mobile/deviceType
1.3.0.22 ogit/notification
1.3.0.23 ogit/sourceld
1.3.0.24 ogit/Mobile/osVersion
1.3.0.25 ogit/Mobile/ctaTarget
1.3.0.26 ogit/isPermanent
1.3.0.27 ogit/latitude
1.3.0.28 ogit/Mobile/deviceCodeName
1.3.0.29 ogit/mobilePhone
1.3.0.30 ogit/Mobile/time
1.3.0.31 ogit/unit
1.3.0.32 ogit/Mobile/isActive
1.3.0.33 ogit/city
1.3.0.34 ogit/status
1.3.0.35 ogit/Mobile/appPermissions
1.3.0.36 ogit/Mobile/enctime
1.3.0.37 ogit/longitude
1.3.0.38 ogit/lastName
1.3.0.39 ogit/Mobile/firebaseToken
1.3.0.40 ogit/Mobile/locale
1.3.0.41 ogit/Location/residenceCountry
1.3.0.42 ogit/middleName
1.3.0.43 ogit/Mobile/registrationType
1.3.0.44 ogit/Mobile/label
1.3.0.45 ogit/streetAddress
1.3.0.46 ogit/Auth/Account/statusReason
1.3.0.47 ogit/Mobile/headline
1.3.0.48 ogit/firstName
1.3.0.49 ogit/Mobile/appConfigMode
1.3.0.50 ogit/Mobile/uuid
1.3.0.51 ogit/title
1.3.0.52 ogit/Health/Diagnostics/appID
1.3.0.53 ogit/Mobile/deviceCode
1.3.0.54 ogit/Mobile/deviceModel
1.3.0.55 ogit/Mobile/duration
1.3.0.56 ogit/Health/Diagnostics/liquidContactTime
1.3.0.57 ogit/Health/Diagnostics/testCompletedAt
1.3.0.58 ogit/Health/Diagnostics/symptoms
1.3.0.59 ogit/Mobile/devicePlatform
1.3.0.60 ogit/Mobile/ctaType
1.3.0.61 ogit/Auth/Account/type
1.3.0.62 ogit/name

1.3.0.63 ogit/Health/Diagnostics/testDate	2
1.3.0.64 ogit/description	3
1.3.0.65 ogit/Mobile/subline	3
1.3.0.66 ogit/consentLevel	3
1.3.0.67 ogit/Auth/Account/acceptedProjectTerms	4
1.3.0.68 ogit/Auth/Account/acceptedTerms	4
1.3.0.69 ogit/Health/Diagnostics/birthyearRange	4
1.3.0.70 ogit/officePhone	5
1.3.0.71 ogit/phone	5
1.3.0.72 ogit/fax	5
1.3.0.73 ogit/Health/Diagnostics/testStartedAt	6
1.3.0.74 ogit/Health/Diagnostics/firmwareVersion	6
1.3.0.75 ogit/Auth/Account/allowCookies	6
1.3.0.76 ogit/otherPhone	7
1.3.0.77 ogit/Health/Diagnostics/sensorID	7
1.3.0.78 ogit/isMutable	7
1.3.0.79 ogit/Mobile/deactivationTime	8
1.3.0.80 ogit/Mobile/RSSIcorrection	8
1.3.0.81 ogit/Mobile/criticality	8
1.3.0.82 ogit/Mobile/movementType	9
1.3.0.83 ogit/Health/Diagnostics/testMethod	9
1.3.0.84 ogit/webPage	9
1.3.0.85 ogit/Mobile/delivered	0
1.3.0.86 ogit/Auth/Account/acceptedPrivacy	0
1.3.0.87 ogit/Mobile/healthStatusUpdateTime	0
1.3.0.88 ogit/Mobile/distance	1
1.3.0.89 ogit/Mobile/osRadio	1
1.3.0.90 ogit/Mobile/activationTime	1
1.3.0.91 ogit/position	2
1.3.0.92 ogit/Mobile/riskScore	2
1.3.0.93 ogit/Mobile/appVersion	2
1.3.0.94 ogit/Mobile/cta	3
1.3.0.95 ogit/gender	3
1.3.0.96 ogit/instance 4	3

# **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

- · 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

#### incoming edges

• ogit/belongs <= ogit/Mobile/AppInstance

## 1.1.0.2 ogit/Mobile/LicenceCodes

Unique Licence Codes which is used for mobile app activation.

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

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

· creator: Kaushik Gondaliya

· scope: NTO

· parent: ogit/Node

#### attributes

- · mandatory:
  - ogit/Mobile/licenceCode
- · optional:
  - ogit/Mobile/activationTime
  - ogit/Mobile/deactivationTime
  - ogit/Mobile/deviceCode
  - ogit/Mobile/deviceType
  - ogit/Mobile/isActive
  - ogit/Mobile/label
  - ogit/Mobile/lastActive
  - ogit/Mobile/licenceCode

# incoming edges

• ogit/uses <= ogit/Person

# 1.1.0.3 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

#### 1.1.0.4 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

- · 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

## incoming edges

• ogit/uses <= ogit/Person

## outgoing edges

- ogit/belongs => ogit/Organization
- ogit/connects => ogit/Health/Diagnostics/Test
- ogit/generates => ogit/Timeseries
- ogit/generates => ogit/Health/Diagnostics/Demographics
- ogit/has => ogit/Mobile/Encounter
- ogit/has => ogit/Auth/Account

# 1.1.0.5 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

- · 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/has => ogit/Mobile/HealthInfo
- ogit/uses => ogit/Mobile/AppInstance
- ogit/uses => ogit/Mobile/LicenceCodes

## 1.1.0.6 ogit/Mobile/Message

Message nodes created when new messages are available for App.

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

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

• creator: Kaushik Gondaliya

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/Mobile/delivered
  - ogit/Mobile/enctime
  - ogit/name

## 1.1.0.7 ogit/Mobile/HealthInfo

information regarding app instance.

- id: http://www.purl.org/ogit/Mobile/HealthInfo
- valid-from: Thu Jul 09 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya
- · scope: NTO
- · parent: ogit/Node

- optional:
  - ogit/Mobile/deviceType
  - ogit/Mobile/healthStatus
  - ogit/Mobile/healthStatusUpdateTime
  - ogit/Mobile/label
  - ogit/Mobile/licenceCode

#### incoming edges

• ogit/has <= ogit/Person

## outgoing edges

• ogit/generates => ogit/Timeseries

## 1.1.0.8 ogit/Mobile/DeviceSpecifications

Mobile device specifications i.e. model, manufacturer ...

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

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

· creator: Kaushik Gondaliya

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/Mobile/RSSIcorrection
  - ogit/Mobile/TXcorrection
  - ogit/Mobile/deviceCodeName
  - ogit/Mobile/deviceModel
  - ogit/Mobile/devicePlatform
  - ogit/Mobile/osRadio
  - ogit/manufacturer
  - ogit/source

# 1.1.0.9 ogit/Mobile/Encounter

Defined connection between applications.

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

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

· creator: Kaushik Gondaliya

· scope: NTO

· parent: ogit/Node

#### attributes

- optional:
  - ogit/Mobile/category
  - ogit/Mobile/criticality
  - ogit/Mobile/distance
  - ogit/Mobile/duration
  - ogit/Mobile/movementType
  - ogit/Mobile/riskScore
  - ogit/Mobile/time

## incoming edges

• ogit/has <= ogit/Mobile/AppInstance

## 1.1.0.10 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

#### 1.1.0.11 ogit/Auth/Account

An account is used for authentication and authorization.

• id: http://www.purl.org/ogit/Auth/Account

• valid-from: Mon Jan 01 00:00:00 UTC 2018

· creator: arago GmbH

· scope: NTO

· parent: ogit/Node

#### attributes

- · mandatory:
  - ogit/Auth/Account/type
  - ogit/name
  - ogit/status
- · optional:
  - ogit/Auth/Account/acceptedPrivacy
  - ogit/Auth/Account/acceptedProjectTerms
  - ogit/Auth/Account/acceptedTerms
  - ogit/Auth/Account/allowCookies
  - ogit/Auth/Account/statusReason
  - ogit/email

# incoming edges

• ogit/has <= ogit/Mobile/AppInstance

## 1.1.0.12 ogit/Mobile/MsgTemplate

Message templates in different languages.

- $\bullet \ \, \textbf{id} : \\ \texttt{http://www.purl.org/ogit/Mobile/MsgTemplate} \\$
- valid-from: Tue Apr 07 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya
- · scope: NTO
- · parent: ogit/Node

## attributes

- · optional:
  - ogit/Mobile/cta
  - ogit/Mobile/ctaTarget
  - ogit/Mobile/ctaType
  - ogit/Mobile/headline
  - ogit/Mobile/locale
  - ogit/Mobile/message
  - ogit/Mobile/subline
  - ogit/name

## 1.1.0.13 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/Mobile/AppInstance
- ogit/generates <= ogit/Mobile/HealthInfo

1.2 Verbs 10

## 1.2 Verbs

## 1.2.0.1 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/Mobile/AppInstance => ogit/Timeseries

- ogit/Mobile/AppInstance => ogit/Health/Diagnostics/Demographics
- ogit/Mobile/HealthInfo => ogit/Timeseries

#### 1.2.0.2 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

## 1.2.0.3 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/Mobile/AppInstance => ogit/Organization

1.2 Verbs 11

#### 1.2.0.4 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/Mobile/AppInstance
- ogit/Person => ogit/Mobile/LicenceCodes

## 1.2.0.5 ogit/has

Indicates if an entity has another entity.

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

• valid-from: Thu Mar 28 00:00:00 UTC 2019

· creator: Kaushik Gondaliya

#### **Allowed Connection**

- ogit/Mobile/AppInstance => ogit/Mobile/Encounter
- ogit/Mobile/AppInstance => ogit/Auth/Account
- ogit/Person => ogit/Mobile/HealthInfo

# 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/Mobile/AppInstance
  - ogit/Mobile/DeviceSpecifications

# 1.3.0.2 ogit/Mobile/licenceCode

unique uuid number

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

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

· creator: Kaushik Gondaliya

## used

- · mandatory:
  - ogit/Mobile/LicenceCodes
- · optional:
  - ogit/Mobile/HealthInfo
  - ogit/Mobile/LicenceCodes

# 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/Organization

#### 1.3.0.4 ogit/Mobile/healthStatus

current health status about the person using the device

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/HealthInfo

## 1.3.0.5 ogit/Mobile/TXcorrection

TX correction values for mobile phones.

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/DeviceSpecifications

# 1.3.0.6 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

- optional:
  - ogit/Health/Diagnostics/Test

## 1.3.0.7 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

## 1.3.0.8 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/Auth/Account
  - ogit/Organization
  - ogit/Person

# 1.3.0.9 ogit/Mobile/category

#### TODO

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

- optional:
  - ogit/Mobile/Encounter

#### 1.3.0.10 ogit/Mobile/message

text for message

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/MsgTemplate

## 1.3.0.11 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

## 1.3.0.12 ogit/function

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

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

- · optional:
  - ogit/Organization

#### 1.3.0.13 ogit/source

source of data, string value.

• id: http://www.purl.org/ogit/source

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/DeviceSpecifications

## 1.3.0.14 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

used

- optional:
  - ogit/Mobile/AppInstance
  - ogit/Mobile/LicenceCodes

## 1.3.0.15 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

## 1.3.0.16 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

## 1.3.0.17 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

# 1.3.0.18 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

- · optional:
  - ogit/Organization

#### 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

#### 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
  - ogit/Mobile/HealthInfo
  - ogit/Mobile/LicenceCodes

## 1.3.0.22 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

## 1.3.0.23 ogit/sourceld

The Id of the source system.

- id: http://www.purl.org/ogit/sourceId
- · valid-from: Thu Jun 11 00:00:00 UTC 2015
- · creator: Peter Larem

used

- optional:
  - ogit/Organization
  - ogit/Person

## 1.3.0.24 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

- · optional:
  - ogit/Mobile/AppInstance

#### 1.3.0.25 ogit/Mobile/ctaTarget

call to action target, for ex. web url

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/MsgTemplate

## 1.3.0.26 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

## 1.3.0.27 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/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
  - ogit/Mobile/DeviceSpecifications

## 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/Mobile/time

Time when connection started.

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

- · optional:
  - ogit/Mobile/Encounter

## 1.3.0.31 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

## 1.3.0.32 ogit/Mobile/isActive

boolean flag. indicate if node is currenlty used

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

used

- optional:
  - ogit/Mobile/LicenceCodes

1.3.0.33 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

- · optional:
  - ogit/Organization

#### 1.3.0.34 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

- · mandatory:
  - ogit/Auth/Account
- · optional:
  - ogit/Organization
  - ogit/Person

#### 1.3.0.35 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

#### used

- · optional:
  - ogit/Mobile/AppInstance

# 1.3.0.36 ogit/Mobile/enctime

#### **TODO**

- id: http://www.purl.org/ogit/Mobile/enctime
- valid-from: Tue Apr 07 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/Message

#### 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/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/Mobile/locale

locale code defined in which language message should be retuned

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/MsgTemplate

## 1.3.0.41 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

## 1.3.0.42 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

- · optional:
  - ogit/Person

#### 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/Mobile/label

label for licence code.

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

used

- optional:
  - ogit/Mobile/HealthInfo
  - ogit/Mobile/LicenceCodes

## 1.3.0.45 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

- · optional:
  - ogit/Organization

#### 1.3.0.46 ogit/Auth/Account/statusReason

Status Reason of an ogit/Auth/Account

```
• id: http://www.purl.org/ogit/Auth/Account/statusReason
```

• valid-from: Mon Jan 01 00:00:00 UTC 2018

· creator: arago GmbH

used

- · optional:
  - ogit/Auth/Account

## 1.3.0.47 ogit/Mobile/headline

headline for message

- id: http://www.purl.org/ogit/Mobile/headline
- valid-from: Tue Apr 07 00:00:00 UTC 2020
- creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/MsgTemplate

# 1.3.0.48 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

## 1.3.0.49 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

## 1.3.0.50 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

## 1.3.0.51 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

## 1.3.0.52 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/Test

## 1.3.0.53 ogit/Mobile/deviceCode

This attribute contains a unique device code, which identifies a specific device.

- id: http://www.purl.org/ogit/Mobile/deviceCode
- valid-from: Mon Sep 28 00:00:00 UTC 2020
- · creator: Marek Meyer

used

- · optional:
  - ogit/Mobile/LicenceCodes

## 1.3.0.54 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

- · optional:
  - ogit/Mobile/AppInstance
  - ogit/Mobile/DeviceSpecifications

#### 1.3.0.55 ogit/Mobile/duration

time duration of the connection

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/Encounter

## 1.3.0.56 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

used

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

## 1.3.0.57 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

## 1.3.0.58 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/Demographics

## 1.3.0.59 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/Mobile/AppInstance
  - ogit/Mobile/DeviceSpecifications

## 1.3.0.60 ogit/Mobile/ctaType

call to action type

- id: http://www.purl.org/ogit/Mobile/ctaType
- valid-from: Tue Apr 07 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- · optional:
  - ogit/Mobile/MsgTemplate

#### 1.3.0.61 ogit/Auth/Account/type

Type of an account. Values: person, application

• id: http://www.purl.org/ogit/Auth/Account/type

· valid-from: Mon Jan 01 00:00:00 UTC 2018

· creator: arago GmbH

#### used

- · mandatory:
  - ogit/Auth/Account

#### 1.3.0.62 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/Auth/Account
  - ogit/Organization
- · optional:
  - ogit/Mobile/Message
  - ogit/Mobile/MsgTemplate
  - ogit/Timeseries

# 1.3.0.63 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

#### 1.3.0.64 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/Mobile/AppInstance
  - ogit/Organization
  - ogit/Timeseries

#### 1.3.0.65 ogit/Mobile/subline

Additional text providing more information

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

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

· creator: Kaushik Gondaliya

used

- optional:
  - ogit/Mobile/MsgTemplate

# 1.3.0.66 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

- optional:
  - ogit/Mobile/AppInstance

#### 1.3.0.67 ogit/Auth/Account/acceptedProjectTerms

Flag about whether HIRO Project terms were accepted

```
• id: http://www.purl.org/ogit/Auth/Account/acceptedProjectTerms
```

· valid-from: Mon Jan 01 00:00:00 UTC 2018

· creator: arago GmbH

used

- · optional:
  - ogit/Auth/Account

## 1.3.0.68 ogit/Auth/Account/acceptedTerms

Flag about whether usage terms were accepted

- id: http://www.purl.org/ogit/Auth/Account/acceptedTerms
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- · creator: arago GmbH

used

- · optional:
  - ogit/Auth/Account

## 1.3.0.69 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

## 1.3.0.70 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

## 1.3.0.71 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

# 1.3.0.72 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

## 1.3.0.73 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

## 1.3.0.74 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/Test

## 1.3.0.75 ogit/Auth/Account/allowCookies

Flag about whether cookies are allowed

- id: http://www.purl.org/ogit/Auth/Account/allowCookies
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- creator: arago GmbH

- · optional:
  - ogit/Auth/Account

## 1.3.0.76 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

## 1.3.0.77 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

# 1.3.0.78 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

- · optional:
  - ogit/Timeseries

#### 1.3.0.79 ogit/Mobile/deactivationTime

time when licence code is deactivated.

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/LicenceCodes

## 1.3.0.80 ogit/Mobile/RSSIcorrection

rssi correction values for mobile phones.

- id: http://www.purl.org/ogit/Mobile/RSSIcorrection
- valid-from: Thu Aug 27 00:00:00 UTC 2020
- creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/DeviceSpecifications

## 1.3.0.81 ogit/Mobile/criticality

TODO

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

- · optional:
  - ogit/Mobile/Encounter

## 1.3.0.82 ogit/Mobile/movementType

type of movement such as foot, bus, train

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/Encounter

## 1.3.0.83 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

## 1.3.0.84 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/Organization
  - ogit/Person

#### 1.3.0.85 ogit/Mobile/delivered

boolean value, set true if message is delivered to app.

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/Message

## 1.3.0.86 ogit/Auth/Account/acceptedPrivacy

Flag about whether privacy terms were accepted

- id: http://www.purl.org/ogit/Auth/Account/acceptedPrivacy
- valid-from: Mon Jan 01 00:00:00 UTC 2018
- · creator: arago GmbH

used

- · optional:
  - ogit/Auth/Account

## 1.3.0.87 ogit/Mobile/healthStatusUpdateTime

last time when health status was updated. UTC timestamp format

- $\bullet \ \, \textbf{id} : \texttt{http://www.purl.org/ogit/Mobile/healthStatusUpdateTime} \\$
- valid-from: Thu Jul 09 00:00:00 UTC 2020
- · creator: Kaushik Gondaliya

- optional:
  - ogit/Mobile/HealthInfo

#### 1.3.0.88 ogit/Mobile/distance

distance between two device where application is installed

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/Encounter

## 1.3.0.89 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
  - ogit/Mobile/DeviceSpecifications

## 1.3.0.90 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/Mobile/LicenceCodes

#### 1.3.0.91 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

## 1.3.0.92 ogit/Mobile/riskScore

risk score

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

used

- · optional:
  - ogit/Mobile/Encounter

# 1.3.0.93 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/Test
  - ogit/Mobile/AppInstance

#### 1.3.0.94 ogit/Mobile/cta

call to action. describe action should be taken by app user

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

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

· creator: Kaushik Gondaliya

used

- · optional:
  - ogit/Mobile/MsgTemplate

## 1.3.0.95 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/Demographics

## 1.3.0.96 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