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# **Chapter 1**

# **Module Documentation**

# 1.1 Entities

1.1.0.1 ogit/FinancialAccounting/Company

Represents a company in the context of financial accounting.

• id: http://www.purl.org/ogit/FinancialAccounting/Company

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

· creator: Marek Meyer

• scope: NTO

• parent: ogit/Node

# attributes

- · mandatory:
  - ogit/name

# incoming edges

• ogit/affects <= ogit/Audit/Audit

1.1.0.2 ogit/Audit/Sample

A sample to audit.

• id: http://www.purl.org/ogit/Audit/Sample

• valid-from: Fri Feb 07 00:00:00 UTC 2020

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

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## attributes

- · optional:
  - ogit/creationTime
  - ogit/name
  - ogit/title

# incoming edges

• ogit/contains <= ogit/Audit/Batch

# outgoing edges

• ogit/contains => ogit/Documents/Document

# 1.1.0.3 ogit/Audit/Batch

A batch of samples to audit.

• id: http://www.purl.org/ogit/Audit/Batch

• valid-from: Fri Feb 07 00:00:00 UTC 2020

· creator: Marek Meyer

• scope: NTO

· parent: ogit/Node

## attributes

- optional:
  - ogit/name
  - ogit/title

# incoming edges

• ogit/contains <= ogit/Audit/Audit

# outgoing edges

- ogit/contains => ogit/Audit/Sample
- ogit/has => ogit/Attachment

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#### 1.1.0.4 ogit/Audit/Audit

A specific audit project.

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

valid-from: Fri Feb 07 00:00:00 UTC 2020

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/name
  - ogit/title

#### outgoing edges

- ogit/affects => ogit/FinancialAccounting/Company
- ogit/contains => ogit/Audit/Batch

## 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

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# incoming edges

• ogit/has <= ogit/Audit/Batch

## 1.1.0.6 ogit/Documents/Document

A generic document. The specific document type should be specified in the ogit:type attribute.

• id: http://www.purl.org/ogit/Documents/Document

• valid-from: Fri Feb 07 00:00:00 UTC 2020

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

#### attributes

- optional:
  - ogit/creationTime
  - ogit/modificationTime
  - ogit/name
  - ogit/type
  - ogit/version

# incoming edges

• ogit/contains <= ogit/Audit/Sample

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## 1.2 Verbs

## 1.2.0.1 ogit/contains

This relationship indicates that something is part of something else. see also "includes"

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

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

· creator: Peter Larem

## **Allowed Connection**

• ogit/Audit/Audit => ogit/Audit/Batch

- ogit/Audit/Batch => ogit/Audit/Sample
- ogit/Audit/Sample => ogit/Documents/Document

#### 1.2.0.2 ogit/affects

The relationship indicates that one entity affects some other entity.

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

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

· creator: Peter Larem

#### **Allowed Connection**

ogit/Audit/Audit => ogit/FinancialAccounting/Company

## 1.2.0.3 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/Audit/Batch => ogit/Attachment

# 1.3 Attributes

## 1.3.0.1 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

## 1.3.0.2 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

# 1.3.0.3 ogit/modificationTime

Modification time.

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

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

· creator: Peter Larem

- optional:
  - ogit/Documents/Document

#### 1.3.0.4 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

#### 1.3.0.5 ogit/version

Any string representation of version information. no restrictions are imposed on that base attribute

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

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

· creator: Peter Larem

#### used

- · optional:
  - ogit/Documents/Document

## 1.3.0.6 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/Audit/Audit
  - ogit/Audit/Batch
  - ogit/Audit/Sample

#### 1.3.0.7 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

#### 1.3.0.8 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/FinancialAccounting/Company
- · optional:
  - ogit/Attachment
  - ogit/Audit/Audit
  - ogit/Audit/Batch
  - ogit/Audit/Sample
  - ogit/Documents/Document

## 1.3.0.9 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

- · optional:
  - ogit/Attachment

## 1.3.0.10 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
  - ogit/Documents/Document

## 1.3.0.11 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

1.3.0.12 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

#### 1.3.0.13 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

## 1.3.0.14 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

#### 1.3.0.15 ogit/creationTime

Creation time of an entity.

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

#### used

- · optional:
  - ogit/Audit/Sample
  - ogit/Documents/Document

## 1.3.0.16 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