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1 Module Docu	mentation	1
1.1 Entities		1
	1.1.0.1 ogit/Documents/DocumentInfoRecord	1
	1.1.0.2 ogit/Advertising/InsertionOrder	2
	1.1.0.3 ogit/Documents/Spreadsheet	2
	1.1.0.4 ogit/Advertising/LineItem	3
	1.1.0.5 ogit/Audit/Sample	3
	1.1.0.6 ogit/Attachment	4
	1.1.0.7 ogit/Documents/Document	5
	1.1.0.8 ogit/PLM/Product	5
1.2 Verbs		6
	1.2.0.1 ogit/contains	6
	1.2.0.2 ogit/generates	6
	1.2.0.3 ogit/specifies	6
	1.2.0.4 ogit/represents	7
	1.2.0.5 ogit/consistsOf	7
1.3 Attribute	s	8
	1.3.0.1 ogit/Documents/headers	8
	1.3.0.2 ogit/Documents/documentPartId	8
	1.3.0.3 ogit/url	8
	1.3.0.4 ogit/createdAt	9
	1.3.0.5 ogit/modificationTime	9
	1.3.0.6 ogit/accessControl	9
	1.3.0.7 ogit/version	10
	1.3.0.8 ogit/title	10
	1.3.0.9 ogit/content	10
	1.3.0.10 ogit/Documents/documentType	11
	1.3.0.11 ogit/name	11
	1.3.0.12 ogit/description	11
	1.3.0.13 ogit/Documents/rows	12
	1.3.0.14 ogit/Documents/documentVersion	12
	1.3.0.15 ogit/lastUpdatedBy	12
	1.3.0.16 ogit/type	13
	1.3.0.17 ogit/sourceTable	13
	1.3.0.18 ogit/creator	13
	1.3.0.19 ogit/lastUpdatedAt	14
	1.3.0.20 ogit/Documents/documentNumber	14
	1.3.0.21 ogit/id	14
	1.3.0.22 ogit/creationTime	15
	1.3.0.23 ogit/size	15

# **Chapter 1**

# **Module Documentation**

# 1.1 Entities

1.1.0.1 ogit/Documents/DocumentInfoRecord

This entity represents a document info record, e.g. in an ERP system.

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

• valid-from: Fri Apr 16 00:00:00 UTC 2021

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

#### attributes

- optional:
  - ogit/Documents/documentNumber
  - ogit/Documents/documentPartId
  - ogit/Documents/documentType
  - ogit/Documents/documentVersion
  - ogit/description
  - ogit/name

## outgoing edges

- ogit/consistsOf => ogit/Attachment
- ogit/specifies => ogit/PLM/Product

## 1.1.0.2 ogit/Advertising/InsertionOrder

The individual order or purchase to be sent out to a publisher

• id: http://www.purl.org/ogit/Advertising/InsertionOrder

· valid-from: Fri May 10 00:00:00 UTC 2019

· creator: Patrick Williamson

· scope: NTO

· parent: ogit/Node

#### attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

#### outgoing edges

• ogit/generates => ogit/Documents/Spreadsheet

# 1.1.0.3 ogit/Documents/Spreadsheet

A spreadsheet document.

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

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

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

## attributes

- optional:
  - ogit/Documents/headers
  - ogit/Documents/rows
  - ogit/creationTime
  - ogit/modificationTime
  - ogit/name
  - ogit/type
  - ogit/version

#### incoming edges

- ogit/generates <= ogit/Advertising/InsertionOrder
- ogit/generates <= ogit/Advertising/LineItem

## outgoing edges

- ogit/generates => ogit/Attachment
- ogit/represents => ogit/Attachment

## 1.1.0.4 ogit/Advertising/LineItem

Individual advertising orders on insertion order - lowest level

- id: http://www.purl.org/ogit/Advertising/LineItem
- · valid-from: Fri May 10 00:00:00 UTC 2019
- · creator: Patrick Williamson
- · scope: NTO
- · parent: ogit/Node

## attributes

- · optional:
  - ogit/description
  - ogit/name
  - ogit/type

## outgoing edges

- ogit/generates => ogit/Documents/Spreadsheet
- 1.1.0.5 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

#### attributes

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

## outgoing edges

• ogit/contains => ogit/Documents/Document

## 1.1.0.6 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/consistsOf <= ogit/Documents/Document
- ogit/consistsOf <= ogit/Documents/DocumentInfoRecord
- ogit/generates <= ogit/Documents/Spreadsheet
- $\bullet \ \, {\sf ogit/represents} <= {\sf ogit/Documents/Spreadsheet}$

#### 1.1.0.7 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

## outgoing edges

• ogit/consistsOf => ogit/Attachment

## 1.1.0.8 ogit/PLM/Product

This entity represents a product in Product Lifecycle Management.

• id: http://www.purl.org/ogit/PLM/Product

valid-from: Fri Apr 16 00:00:00 UTC 2021

· creator: Marek Meyer

• scope: NTO

· parent: ogit/Node

## attributes

- optional:
  - ogit/description
  - ogit/id
  - ogit/name

## incoming edges

 $\bullet \ \ ogit/specifies <= ogit/Documents/DocumentInfoRecord$ 

1.2 Verbs 6

## 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/Sample => ogit/Documents/Document

#### 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/Advertising/InsertionOrder => ogit/Documents/Spreadsheet
- ogit/Advertising/LineItem => ogit/Documents/Spreadsheet
- ogit/Documents/Spreadsheet => ogit/Attachment

## 1.2.0.3 ogit/specifies

One entity "specifies" another.

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

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

· creator: Peter Larem

# **Allowed Connection**

 $\bullet \ \ ogit/Documents/DocumentInfoRecord => ogit/PLM/Product$ 

1.2 Verbs 7

## 1.2.0.4 ogit/represents

This relationship defines that one entity represents another entity.

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

• valid-from: Tue Apr 11 00:00:00 UTC 2017

· creator: arago GmbH

## **Allowed Connection**

• ogit/Documents/Spreadsheet => ogit/Attachment

# 1.2.0.5 ogit/consistsOf

It shows, that the destination entity is a non-exclusive part of the source.

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

valid-from: Tue Feb 13 00:00:00 UTC 2018

· creator: Aymen Ayoub

#### **Allowed Connection**

- ogit/Documents/Document => ogit/Attachment
- ogit/Documents/DocumentInfoRecord => ogit/Attachment

## 1.3 Attributes

#### 1.3.0.1 ogit/Documents/headers

Contains the list of column headers of a spreadsheet.

```
• id: http://www.purl.org/ogit/Documents/headers
```

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

· creator: Marek Meyer

used

- · optional:
  - ogit/Documents/Spreadsheet

## 1.3.0.2 ogit/Documents/documentPartId

Contains the part identifier of a document - in case of documents split into multiple parts.

```
• id: http://www.purl.org/ogit/Documents/documentPartId
```

valid-from: Fri Apr 16 00:00:00 UTC 2021

· creator: Marek Meyer

used

- · optional:
  - ogit/Documents/DocumentInfoRecord

1.3.0.3 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

- optional:
  - ogit/Attachment

#### 1.3.0.4 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

## 1.3.0.5 ogit/modificationTime

Modification time.

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

## used

- · optional:
  - ogit/Documents/Document
  - ogit/Documents/Spreadsheet

## 1.3.0.6 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

#### 1.3.0.7 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
  - ogit/Documents/Spreadsheet

#### 1.3.0.8 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/Audit/Sample

## 1.3.0.9 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

- · optional:
  - ogit/Attachment

#### 1.3.0.10 ogit/Documents/documentType

Contains the type of a document.

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

valid-from: Fri Apr 16 00:00:00 UTC 2021

· creator: Marek Meyer

#### used

- · optional:
  - ogit/Documents/DocumentInfoRecord

#### 1.3.0.11 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

- · optional:
  - ogit/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Attachment
  - ogit/Audit/Sample
  - ogit/Documents/Document
  - ogit/Documents/DocumentInfoRecord
  - ogit/Documents/Spreadsheet
  - ogit/PLM/Product

## 1.3.0.12 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

- optional:
  - ogit/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Documents/DocumentInfoRecord
  - ogit/PLM/Product

## 1.3.0.13 ogit/Documents/rows

Contains the rows of a spreadsheet.

```
• id: http://www.purl.org/ogit/Documents/rows
```

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

· creator: Marek Meyer

used

- · optional:
  - ogit/Documents/Spreadsheet

## 1.3.0.14 ogit/Documents/documentVersion

Contains the version of a document.

- id: http://www.purl.org/ogit/Documents/documentVersion
- valid-from: Fri Apr 16 00:00:00 UTC 2021
- · creator: Marek Meyer

used

- · optional:
  - ogit/Documents/DocumentInfoRecord

## 1.3.0.15 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

#### 1.3.0.16 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/Advertising/InsertionOrder
  - ogit/Advertising/LineItem
  - ogit/Attachment
  - ogit/Documents/Document
  - ogit/Documents/Spreadsheet

#### 1.3.0.17 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

## 1.3.0.18 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

#### 1.3.0.19 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

## 1.3.0.20 ogit/Documents/documentNumber

Contains the number of a document.

```
• id: http://www.purl.org/ogit/Documents/documentNumber
```

· valid-from: Fri Apr 16 00:00:00 UTC 2021

· creator: Marek Meyer

used

- · optional:
  - ogit/Documents/DocumentInfoRecord

1.3.0.21 ogit/id

General id.

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

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

· creator: Peter Larem

- optional:
  - ogit/Attachment
  - ogit/PLM/Product

## 1.3.0.22 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
  - ogit/Documents/Spreadsheet

1.3.0.23 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