
PLM

April 21, 2021

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Chapter 1

Module Documentation

1.1 Entities

1.1.0.1 ogit/MaterialManagement/Material

This entity represents a material in Material Management.

- id: <http://www.purl.org/ogit/MaterialManagement/Material>
- 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

- [ogit/contains](#) <= [ogit/PLM/BillOfMaterial](#)
- [ogit/madeOf](#) <= [ogit/PLM/Product](#)

1.1.0.2 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/specifies](#) => [ogit/PLM/Product](#)

1.1.0.3 ogit/PLM/BillOfMaterial

A bill of material (BOM) in Product Lifecycle Management.

- id: <http://www.purl.org/ogit/PLM/BillOfMaterial>
- 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

- [ogit/contains](#) <= [ogit/PLM/BillOfMaterial](#)
- [ogit/madeOf](#) <= [ogit/PLM/Product](#)

outgoing edges

- [ogit/contains](#) => [ogit/PLM/BillOfMaterial](#)
- [ogit/contains](#) => [ogit/PLM/Product](#)
- [ogit/contains](#) => [ogit/MaterialManagement/Material](#)

1.1.0.4 [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

- [ogit/contains](#) <= [ogit/PLM/BillOfMaterial](#)
- [ogit/madeOf](#) <= [ogit/PLM/Product](#)
- [ogit/specifies](#) <= [ogit/Documents/DocumentInfoRecord](#)

outgoing edges

- [ogit/madeOf](#) => [ogit/PLM/BillOfMaterial](#)
- [ogit/madeOf](#) => [ogit/PLM/Product](#)
- [ogit/madeOf](#) => [ogit/MaterialManagement/Material](#)

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/PLM/BillOfMaterial](#) => [ogit/PLM/BillOfMaterial](#)
- [ogit/PLM/BillOfMaterial](#) => [ogit/PLM/Product](#)
- [ogit/PLM/BillOfMaterial](#) => [ogit/MaterialManagement/Material](#)

1.2.0.2 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

- [ogit/Documents/DocumentInfoRecord](#) => [ogit/PLM/Product](#)

1.2.0.3 ogit/madeOf

An entity is made of another entity.

- id: <http://www.purl.org/ogit/madeOf>
- valid-from: Fri Apr 16 00:00:00 UTC 2021
- creator: Marek Meyer

Allowed Connection

- [ogit/PLM/Product](#) => [ogit/PLM/BillOfMaterial](#)
- [ogit/PLM/Product](#) => [ogit/PLM/Product](#)
- [ogit/PLM/Product](#) => [ogit/MaterialManagement/Material](#)

1.3 Attributes

1.3.0.1 `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](#)

1.3.0.2 `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](#)

1.3.0.3 `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/Documents/DocumentInfoRecord](#)
 - [ogit/MaterialManagement/Material](#)
 - [ogit/PLM/BillOfMaterial](#)
 - [ogit/PLM/Product](#)

1.3.0.4 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/Documents/DocumentInfoRecord](#)
 - [ogit/MaterialManagement/Material](#)
 - [ogit/PLM/BillOfMaterial](#)
 - [ogit/PLM/Product](#)

1.3.0.5 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](#)

1.3.0.6 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](#)

1.3.0.7 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/MaterialManagement/Material](#)
 - [ogit/PLM/BillOfMaterial](#)
 - [ogit/PLM/Product](#)