# PLM

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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