

| 1 Module Docu | mentation | 1 |
|----------------|--|----|
| 1.1 Entities . | | 1 |
| | 1.1.0.1 ogit/Organization | 1 |
| | 1.1.0.2 ogit/FinancialMarket/AggregatedContracts | 2 |
| | 1.1.0.3 ogit/FinancialMarket/Protection | 2 |
| | 1.1.0.4 ogit/Location/Address | 3 |
| | 1.1.0.5 ogit/FinancialMarket/Investment | 4 |
| | 1.1.0.6 ogit/FinancialMarket/FinancialInstrumentCategory | 4 |
| | 1.1.0.7 ogit/FinancialMarket/Index | 5 |
| | 1.1.0.8 ogit/FinancialMarket/EconomicActivity | 6 |
| | 1.1.0.9 ogit/FinancialMarket/Contract | 6 |
| | 1.1.0.10 ogit/FinancialMarket/Project | 7 |
| | 1.1.0.11 ogit/FinancialMarket/Corporation | 8 |
| | 1.1.0.12 ogit/FinancialMarket/ProtectionType | 9 |
| | 1.1.0.13 ogit/FinancialMarket/InstitutionalSector | 9 |
| | 1.1.0.14 ogit/FinancialMarket/Investor | 10 |
| | 1.1.0.15 ogit/FinancialMarket/Country | 10 |
| | 1.1.0.16 ogit/FinancialMarket/Exchange | 11 |
| | 1.1.0.17 ogit/FinancialMarket/Portfolio | 11 |
| | 1.1.0.18 ogit/FinancialMarket/FinancialInstrument | 12 |
| | 1.1.0.19 ogit/FinancialMarket/LineOfBusiness | 13 |
| | 1.1.0.20 ogit/Timeseries | 13 |
| 1.2 Verbs . | | 15 |
| | 1.2.0.1 ogit/soldTo | 15 |
| | 1.2.0.2 ogit/contains | 15 |
| | 1.2.0.3 ogit/defines | 15 |
| | 1.2.0.4 ogit/locatedAt | 16 |
| | 1.2.0.5 ogit/FinancialMarket/services | 16 |
| | 1.2.0.6 ogit/sells | 16 |
| | 1.2.0.7 ogit/locatedIn | 16 |
| | 1.2.0.8 ogit/corresponds | 17 |
| | 1.2.0.9 ogit/issues | 17 |
| | 1.2.0.10 ogit/FinancialMarket/brokers | 17 |
| | 1.2.0.11 ogit/listedAt | 18 |
| | 1.2.0.12 ogit/provides | 18 |
| | 1.2.0.13 ogit/owns | 18 |
| | 1.2.0.14 ogit/FinancialMarket/credits | 18 |
| | 1.2.0.15 ogit/references | 19 |
| | 1.2.0.16 ogit/belongs | 19 |
| | 1.2.0.17 ogit/reports | 19 |
| | 1.2.0.18 ogit/FinancialMarket/securedBy | 20 |
| | 1.2.0.19 ogit/has | 20 |

| | 1.2.0.20 ogit/isPartOf | 20 |
|----------------|---|----|
| 1.3 Attributes | · | 21 |
| | 1.3.0.1 ogit/FinancialMarket/amount | 21 |
| | 1.3.0.2 ogit/currency | 21 |
| | 1.3.0.3 ogit/postalCode | 21 |
| | 1.3.0.4 ogit/email | 22 |
| | 1.3.0.5 ogit/Location/streetNumber | 22 |
| | 1.3.0.6 ogit/function | 22 |
| | 1.3.0.7 ogit/country | 23 |
| | 1.3.0.8 ogit/businessCategory | 23 |
| | 1.3.0.9 ogit/Location/zipCode | 23 |
| | 1.3.0.10 ogit/FinancialMarket/nationalIdentifier | 24 |
| | 1.3.0.11 ogit/Location/city | 24 |
| | 1.3.0.12 ogit/sourceld | 24 |
| | 1.3.0.13 ogit/FinancialMarket/legalForm | 25 |
| | 1.3.0.14 ogit/isPermanent | 25 |
| | 1.3.0.15 ogit/FinancialMarket/currency | 25 |
| | 1.3.0.16 ogit/value | 26 |
| | 1.3.0.17 ogit/unit | 26 |
| | 1.3.0.18 ogit/city | 26 |
| | 1.3.0.19 ogit/FinancialMarket/ISIN | 27 |
| | 1.3.0.20 ogit/FinancialMarket/legalEntityIdentifier | 27 |
| | 1.3.0.21 ogit/status | 27 |
| | 1.3.0.22 ogit/Location/streetName | 28 |
| | 1.3.0.23 ogit/FinancialMarket/enterpriseSize | 28 |
| | 1.3.0.24 ogit/FinancialMarket/maturityDate | 28 |
| | 1.3.0.25 ogit/streetAddress | 29 |
| | 1.3.0.26 ogit/FinancialMarket/value | 29 |
| | 1.3.0.27 ogit/title | 29 |
| | 1.3.0.28 ogit/FinancialMarket/acquisitionDate | 30 |
| | 1.3.0.29 ogit/name | 30 |
| | 1.3.0.30 ogit/FinancialMarket/defaultDate | 31 |
| | 1.3.0.31 ogit/description | 31 |
| | 1.3.0.32 ogit/Location/country | 31 |
| | 1.3.0.33 ogit/FinancialMarket/defaultStatus | 32 |
| | 1.3.0.34 ogit/phone | 32 |
| | 1.3.0.35 ogit/isMutable | 32 |
| | 1.3.0.36 ogit/Location/state | 33 |
| | 1.3.0.37 ogit/webPage | 33 |
| | 1.3.0.38 ogit/id | 33 |
| | 1.3.0.39 ogit/FinancialMarket/issueDate | 34 |
| | 1.3.0.40 ogit/instance | 34 |

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

attributes

- · 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/corresponds <= ogit/FinancialMarket/Corporation
- ogit/corresponds <= ogit/FinancialMarket/LineOfBusiness

1.1.0.2 ogit/FinancialMarket/AggregatedContracts

A aggregated representation of multiple financial contracts in the context of financial markets. This is usually

• id: http://www.purl.org/ogit/FinancialMarket/AggregatedContracts

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/currency
- · optional:
 - ogit/FinancialMarket/issueDate
 - ogit/FinancialMarket/maturityDate
 - ogit/description
 - ogit/title
 - ogit/value

1.1.0.3 ogit/FinancialMarket/Protection

A protection (e.g. security) for financial contracts in the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/Protection
- valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
- optional:
 - ogit/FinancialMarket/thirdPartyPriorityClaims
 - ogit/currency
 - ogit/description
 - ogit/title
 - ogit/value

incoming edges

- ogit/FinancialMarket/securedBy <= ogit/FinancialMarket/Contract
- ogit/provides <= ogit/FinancialMarket/Corporation

outgoing edges

- ogit/belongs => ogit/FinancialMarket/ProtectionType
- ogit/locatedAt => ogit/Location/Address
- ogit/reports => ogit/Timeseries

1.1.0.4 ogit/Location/Address

A street address.

- id: http://www.purl.org/ogit/Location/Address
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- parent: ogit/Node

attributes

- mandatory:
 - ogit/name
- · optional:
 - ogit/Location/city
 - ogit/Location/country
 - ogit/Location/state
 - ogit/Location/streetName
 - ogit/Location/streetNumber
 - ogit/Location/zipCode

incoming edges

- ogit/locatedAt <= ogit/FinancialMarket/Corporation
- ogit/locatedAt <= ogit/FinancialMarket/Protection

1.1.0.5 ogit/FinancialMarket/Investment

An investment into a financial instrument.

- id: http://www.purl.org/ogit/FinancialMarket/Investment
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · optional:
 - ogit/FinancialMarket/acquisitionDate
 - ogit/FinancialMarket/amount
 - ogit/FinancialMarket/currency
 - ogit/FinancialMarket/value

incoming edges

• ogit/owns <= ogit/FinancialMarket/Investor

outgoing edges

- ogit/contains => ogit/FinancialMarket/FinancialInstrument
- 1.1.0.6 ogit/FinancialMarket/FinancialInstrumentCategory

A category of financial instruments in the context of financial markets.

- $\bullet \ id: \verb|http://www.purl.org/ogit/FinancialMarket/FinancialInstrumentCategory| \\$
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

- ogit/belongs <= ogit/FinancialMarket/FinancialInstrument
- ogit/has <= ogit/FinancialMarket/LineOfBusiness

1.1.0.7 ogit/FinancialMarket/Index

A financial index the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/Index
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

• ogit/references <= ogit/FinancialMarket/FinancialInstrument

outgoing edges

- ogit/contains => ogit/FinancialMarket/FinancialInstrument
- ogit/locatedIn => ogit/FinancialMarket/Country
- ogit/reports => ogit/Timeseries

1.1.0.8 ogit/FinancialMarket/EconomicActivity

A category of economic activities in the context of financial markets.

• id: http://www.purl.org/ogit/FinancialMarket/EconomicActivity

• valid-from: Mon Nov 11 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
- · optional:
 - ogit/description
 - ogit/title

1.1.0.9 ogit/FinancialMarket/Contract

A contract for a financial instrument sold by corporation in the context of financial markets.

• id: http://www.purl.org/ogit/FinancialMarket/Contract

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

• parent: ogit/Node

attributes

- · mandatory:
 - ogit/currency
 - ogit/id
- · optional:
 - ogit/FinancialMarket/issueDate
 - ogit/FinancialMarket/maturityDate
 - ogit/title
 - ogit/value

incoming edges

- ogit/FinancialMarket/brokers <= ogit/FinancialMarket/Corporation
- ogit/FinancialMarket/credits <= ogit/FinancialMarket/Corporation
- ogit/FinancialMarket/services <= ogit/FinancialMarket/Corporation
- ogit/contains <= ogit/FinancialMarket/Portfolio
- ogit/defines <= ogit/FinancialMarket/FinancialInstrument
- ogit/sells <= ogit/FinancialMarket/LineOfBusiness

outgoing edges

- ogit/FinancialMarket/securedBy => ogit/FinancialMarket/Protection
- ogit/reports => ogit/Timeseries
- ogit/soldTo => ogit/FinancialMarket/Project
- ogit/soldTo => ogit/FinancialMarket/Corporation

1.1.0.10 ogit/FinancialMarket/Project

A project which acts on the financial markets (e.g. to receive loans).

- id: http://www.purl.org/ogit/FinancialMarket/Project
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

• ogit/soldTo <= ogit/FinancialMarket/Contract

1.1.0.11 ogit/FinancialMarket/Corporation

A corporation in the context of financial markets.

 $\bullet \ \, \textbf{id} \textbf{:} \ \, \textbf{http://www.purl.org/ogit/FinancialMarket/Corporation} \\$

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/name
- · optional:
 - ogit/FinancialMarket/defaultDate
 - ogit/FinancialMarket/defaultStatus
 - ogit/FinancialMarket/enterpriseSize
 - ogit/FinancialMarket/legalEntityIdentifier
 - ogit/FinancialMarket/legalForm
 - ogit/FinancialMarket/nationalIdentifier

incoming edges

- ogit/isPartOf <= ogit/FinancialMarket/Corporation
- ogit/isPartOf <= ogit/FinancialMarket/LineOfBusiness
- ogit/soldTo <= ogit/FinancialMarket/Contract

outgoing edges

- ogit/FinancialMarket/brokers => ogit/FinancialMarket/Contract
- ogit/FinancialMarket/credits => ogit/FinancialMarket/Contract
- ogit/FinancialMarket/services => ogit/FinancialMarket/Contract
- ogit/corresponds => ogit/Organization
- ogit/isPartOf => ogit/FinancialMarket/Corporation
- ogit/issues => ogit/FinancialMarket/FinancialInstrument
- ogit/locatedAt => ogit/Location/Address
- ogit/provides => ogit/FinancialMarket/Protection
- ogit/reports => ogit/Timeseries

1.1.0.12 ogit/FinancialMarket/ProtectionType

A type of protection for financial contracts in the context of financial markets.

• id: http://www.purl.org/ogit/FinancialMarket/ProtectionType

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

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

incoming edges

• ogit/belongs <= ogit/FinancialMarket/Protection

1.1.0.13 ogit/FinancialMarket/InstitutionalSector

A category of institutional sector in the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/InstitutionalSector
- valid-from: Mon Nov 11 00:00:00 UTC 2019

· creator: Marek Meyer

• scope: NTO

• parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
- · optional:
 - ogit/description
 - ogit/title

1.1.0.14 ogit/FinancialMarket/Investor

An investor in the context of financial markets.

• id: http://www.purl.org/ogit/FinancialMarket/Investor

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · optional:
 - ogit/name

outgoing edges

- ogit/locatedIn => ogit/FinancialMarket/Country
- ogit/owns => ogit/FinancialMarket/Investment

1.1.0.15 ogit/FinancialMarket/Country

A country in the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/Country
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- mandatory:
 - ogit/name

incoming edges

- ogit/locatedIn <= ogit/FinancialMarket/Exchange
- ogit/locatedIn <= ogit/FinancialMarket/Index
- $\bullet \ \, \text{ogit/locatedIn} <= \text{ogit/FinancialMarket/Investor}$

1.1.0.16 ogit/FinancialMarket/Exchange

An exchange in the financial markets, e.g. a stock exchange.

• id: http://www.purl.org/ogit/FinancialMarket/Exchange

• valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

incoming edges

• ogit/listedAt <= ogit/FinancialMarket/FinancialInstrument

outgoing edges

• ogit/locatedIn => ogit/FinancialMarket/Country

1.1.0.17 ogit/FinancialMarket/Portfolio

A portfolio of financial instruments in the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/Portfolio
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

• ogit/owns <= ogit/FinancialMarket/LineOfBusiness

outgoing edges

- ogit/contains => ogit/FinancialMarket/FinancialInstrument
- ogit/contains => ogit/FinancialMarket/Contract

1.1.0.18 ogit/FinancialMarket/FinancialInstrument

A financial instrument issued by corporation in the context of financial markets.

- id: http://www.purl.org/ogit/FinancialMarket/FinancialInstrument
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- · creator: Marek Meyer
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/name
- · optional:
 - ogit/FinancialMarket/ISIN
 - ogit/FinancialMarket/issueDate
 - ogit/FinancialMarket/maturityDate
 - ogit/currency

incoming edges

- ogit/contains <= ogit/FinancialMarket/Index
- ogit/contains <= ogit/FinancialMarket/Investment
- ogit/contains <= ogit/FinancialMarket/Portfolio
- ogit/issues <= ogit/FinancialMarket/Corporation

outgoing edges

- ogit/belongs => ogit/FinancialMarket/FinancialInstrumentCategory
- ogit/defines => ogit/FinancialMarket/Contract
- ogit/listedAt => ogit/FinancialMarket/Exchange
- ogit/references => ogit/FinancialMarket/Index
- ogit/reports => ogit/Timeseries

1.1.0.19 ogit/FinancialMarket/LineOfBusiness

A line of business within a corporation in the context of financial markets.

• id: http://www.purl.org/ogit/FinancialMarket/LineOfBusiness

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/name

outgoing edges

- ogit/corresponds => ogit/Organization
- ogit/has => ogit/FinancialMarket/FinancialInstrumentCategory
- ogit/isPartOf => ogit/FinancialMarket/Corporation
- ogit/owns => ogit/FinancialMarket/Portfolio
- ogit/sells => ogit/FinancialMarket/Contract

1.1.0.20 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

- $\bullet \ \, {\sf ogit/reports} <= {\sf ogit/FinancialMarket/Contract}$
- ogit/reports <= ogit/FinancialMarket/Corporation
- ogit/reports <= ogit/FinancialMarket/FinancialInstrument
- ogit/reports <= ogit/FinancialMarket/Index
- ogit/reports <= ogit/FinancialMarket/Protection

1.2 Verbs

1.2.0.1 ogit/soldTo

This relationship indicates that something is sold to another entity.

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

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

• ogit/FinancialMarket/Contract => ogit/FinancialMarket/Project

• ogit/FinancialMarket/Contract => ogit/FinancialMarket/Corporation

1.2.0.2 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/FinancialMarket/Index => ogit/FinancialMarket/FinancialInstrument
- ogit/FinancialMarket/Investment => ogit/FinancialMarket/FinancialInstrument
- ogit/FinancialMarket/Portfolio => ogit/FinancialMarket/FinancialInstrument
- ogit/FinancialMarket/Portfolio => ogit/FinancialMarket/Contract

1.2.0.3 ogit/defines

General relationship indicating that some entitiy defines some other.

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

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

· creator: Peter Larem

Allowed Connection

ogit/FinancialMarket/FinancialInstrument => ogit/FinancialMarket/Contract

1.2.0.4 ogit/locatedAt

Indicates that an entity is located at another entity.

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

valid-from: Fri Sep 20 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

- ogit/FinancialMarket/Corporation => ogit/Location/Address
- ogit/FinancialMarket/Protection => ogit/Location/Address

1.2.0.5 ogit/FinancialMarket/services

This relationship indicates that an entity services a contract or instrument.

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

valid-from: Mon Nov 11 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

• ogit/FinancialMarket/Corporation => ogit/FinancialMarket/Contract

1.2.0.6 ogit/sells

This relationship defines that one entity sells another entity.

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

• valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

• ogit/FinancialMarket/LineOfBusiness => ogit/FinancialMarket/Contract

1.2.0.7 ogit/locatedIn

indicate that something has its place somewhere

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

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

· creator: Peter Larem

Allowed Connection

- ogit/FinancialMarket/Exchange => ogit/FinancialMarket/Country
- ogit/FinancialMarket/Index => ogit/FinancialMarket/Country
- ogit/FinancialMarket/Investor => ogit/FinancialMarket/Country

1.2.0.8 ogit/corresponds

Indicates wether one entity could correpond to a more general one, e.g. an Incident could correspond to a Ticket

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

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

· creator: Peter Larem

Allowed Connection

- ogit/FinancialMarket/Corporation => ogit/Organization
- ogit/FinancialMarket/LineOfBusiness => ogit/Organization

1.2.0.9 ogit/issues

This verb means that one entity creates or hands out another entity.

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

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

• ogit/FinancialMarket/Corporation => ogit/FinancialMarket/FinancialInstrument

1.2.0.10 ogit/FinancialMarket/brokers

This relationship indicates that an entity brokers a contract to anothre entity.

- id: http://www.purl.org/ogit/FinancialMarket/brokers
- valid-from: Mon Nov 11 00:00:00 UTC 2019
- · creator: Marek Meyer

Allowed Connection

ogit/FinancialMarket/Corporation => ogit/FinancialMarket/Contract

1.2.0.11 ogit/listedAt

Verb showing that one entity is listed at another entity.

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

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

ogit/FinancialMarket/FinancialInstrument => ogit/FinancialMarket/Exchange

1.2.0.12 ogit/provides

Verb showing if one entity provides something to another.

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

· valid-from: Fri Jul 24 00:00:00 UTC 2015

· creator: Aymen Ayoub

Allowed Connection

• ogit/FinancialMarket/Corporation => ogit/FinancialMarket/Protection

1.2.0.13 ogit/owns

This relationship indicates that one entity owns some other.

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

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

· creator: Peter Larem

Allowed Connection

- ogit/FinancialMarket/Investor => ogit/FinancialMarket/Investment
- ogit/FinancialMarket/LineOfBusiness => ogit/FinancialMarket/Portfolio

1.2.0.14 ogit/FinancialMarket/credits

This relationship indicates that an entity is the creditor for a contract.

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

• valid-from: Mon Nov 11 00:00:00 UTC 2019

creator: Marek Meyer

Allowed Connection

ogit/FinancialMarket/Corporation => ogit/FinancialMarket/Contract

1.2.0.15 ogit/references

Verb indicating if an entity references another entity.

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

valid-from: Mon Nov 11 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

• ogit/FinancialMarket/FinancialInstrument => ogit/FinancialMarket/Index

1.2.0.16 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/FinancialMarket/FinancialInstrument => ogit/FinancialMarket/FinancialInstrumentCategory
- ogit/FinancialMarket/Protection => ogit/FinancialMarket/ProtectionType

1.2.0.17 ogit/reports

Verb showing which entity reports to which another entity.

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

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

· creator: Peter Larem

Allowed Connection

- ogit/FinancialMarket/Contract => ogit/Timeseries
- ogit/FinancialMarket/Corporation => ogit/Timeseries
- ogit/FinancialMarket/FinancialInstrument => ogit/Timeseries
- ogit/FinancialMarket/Index => ogit/Timeseries
- ogit/FinancialMarket/Protection => ogit/Timeseries

1.2.0.18 ogit/FinancialMarket/securedBy

This relationship indicates that something is secured (in the financial sense) by another entity.

• id: http://www.purl.org/ogit/FinancialMarket/securedBy

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

Allowed Connection

ogit/FinancialMarket/Contract => ogit/FinancialMarket/Protection

1.2.0.19 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/FinancialMarket/LineOfBusiness => ogit/FinancialMarket/FinancialInstrumentCategory

1.2.0.20 ogit/isPartOf

Indicates if an entity is part of another entity.

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

valid-from: Fri Mar 22 00:00:00 UTC 2019

· creator: Kaushik Gondaliya

Allowed Connection

- $\bullet \ \ ogit/Financial Market/Corporation => ogit/Financial Market/Corporation$
- ogit/FinancialMarket/LineOfBusiness => ogit/FinancialMarket/Corporation

1.3 Attributes

1.3.0.1 ogit/FinancialMarket/amount

The amount or number of a financial instrument or investment. Depending on the type of instrument, the amount can be specified e.g. as number or nominal value.

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

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Investment

1.3.0.2 ogit/currency

A currency code, possibly according to ISO 4217.

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

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

· creator: Peter Larem

used

- · mandatory:
 - ogit/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/Contract
- · optional:
 - ogit/FinancialMarket/FinancialInstrument
 - ogit/FinancialMarket/Protection

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/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/Organization

1.3.0.5 ogit/Location/streetNumber

The number of a street address.

- id: http://www.purl.org/ogit/Location/streetNumber
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
 - ogit/Location/Address

1.3.0.6 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

1.3.0.7 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

1.3.0.8 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

used

- optional:
 - ogit/Organization

1.3.0.9 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

- · optional:
 - ogit/Location/Address

1.3.0.10 ogit/FinancialMarket/nationalIdentifier

A unique nationally defined identifier for a corporation.

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

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Corporation

1.3.0.11 ogit/Location/city

The name of a city.

- id: http://www.purl.org/ogit/Location/city
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
 - ogit/Location/Address

1.3.0.12 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

- · optional:
 - ogit/Organization

1.3.0.13 ogit/FinancialMarket/legalForm

The legal form of a corporation.

• id: http://www.purl.org/ogit/FinancialMarket/legalForm

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Corporation

1.3.0.14 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

1.3.0.15 ogit/FinancialMarket/currency

Indicates the currency of a value, price, or cost.

- $\bullet \ \, \textbf{id} : \\ \texttt{http://www.purl.org/ogit/FinancialMarket/currency} \\$
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- · creator: Marek Meyer

- optional:
 - ogit/FinancialMarket/Investment

1.3.0.16 ogit/value

Contains a value of a key / value pair.

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

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

• creator: Peter Larem

used

- · optional:
 - ogit/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/Contract
 - ogit/FinancialMarket/Protection

1.3.0.17 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

1.3.0.18 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

1.3.0.19 ogit/FinancialMarket/ISIN

International Securities Identification Number - a unique identifier for securities.

• id: http://www.purl.org/ogit/FinancialMarket/ISIN

• valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/FinancialInstrument

1.3.0.20 ogit/FinancialMarket/legalEntityldentifier

An identifier of a company (legal entity).

- id: http://www.purl.org/ogit/FinancialMarket/legalEntityIdentifier
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Corporation

1.3.0.21 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

- · optional:
 - ogit/Organization

1.3.0.22 ogit/Location/streetName

The name of a street.

• id: http://www.purl.org/ogit/Location/streetName

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

· creator: Marek Meyer

used

- · optional:
 - ogit/Location/Address

1.3.0.23 ogit/FinancialMarket/enterpriseSize

The size of a corporation.

- id: http://www.purl.org/ogit/FinancialMarket/enterpriseSize
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Corporation

1.3.0.24 ogit/FinancialMarket/maturityDate

Maturity date of a financial instrument.

- id: http://www.purl.org/ogit/FinancialMarket/maturityDate
- valid-from: Wed Jul 10 00:00:00 UTC 2019
- creator: Marek Meyer

- · optional:
 - ogit/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/Contract
 - ogit/FinancialMarket/FinancialInstrument

1.3.0.25 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

used

- · optional:
 - ogit/Organization

1.3.0.26 ogit/FinancialMarket/value

The financial value of a financial instrument or investment. It is recommended to always specify a currency in addition to the value.

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

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- optional:
 - ogit/FinancialMarket/Investment

1.3.0.27 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/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/Contract
 - ogit/FinancialMarket/EconomicActivity
 - ogit/FinancialMarket/InstitutionalSector
 - ogit/FinancialMarket/Protection

1.3.0.28 ogit/FinancialMarket/acquisitionDate

The acquisition date of an investment position.

• id: http://www.purl.org/ogit/FinancialMarket/acquisitionDate

• valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Investment

1.3.0.29 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

- · mandatory:
 - ogit/FinancialMarket/Corporation
 - ogit/FinancialMarket/Country
 - ogit/FinancialMarket/Exchange
 - ogit/FinancialMarket/FinancialInstrument
 - ogit/FinancialMarket/FinancialInstrumentCategory
 - ogit/FinancialMarket/Index
 - ogit/FinancialMarket/LineOfBusiness
 - ogit/FinancialMarket/Portfolio
 - ogit/FinancialMarket/Project
 - ogit/FinancialMarket/ProtectionType
 - ogit/Location/Address
 - ogit/Organization
- · optional:
 - ogit/FinancialMarket/Investor
 - ogit/Timeseries

1.3.0.30 ogit/FinancialMarket/defaultDate

The date of default for a corporation.

• id: http://www.purl.org/ogit/FinancialMarket/defaultDate

valid-from: Wed Nov 06 00:00:00 UTC 2019

· creator: Marek Meyer

used

- optional:
 - ogit/FinancialMarket/Corporation

1.3.0.31 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/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/EconomicActivity
 - ogit/FinancialMarket/FinancialInstrumentCategory
 - ogit/FinancialMarket/InstitutionalSector
 - ogit/FinancialMarket/Portfolio
 - ogit/FinancialMarket/Project
 - ogit/FinancialMarket/Protection
 - ogit/FinancialMarket/ProtectionType
 - ogit/Organization
 - ogit/Timeseries

1.3.0.32 ogit/Location/country

The name of a country.

- id: http://www.purl.org/ogit/Location/country
- valid-from: Fri Aug 23 00:00:00 UTC 2019
- · creator: Marek Meyer

- · optional:
 - ogit/Location/Address

1.3.0.33 ogit/FinancialMarket/defaultStatus

The default status of a corporation.

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

• valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/Corporation

1.3.0.34 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

1.3.0.35 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

1.3.0.36 ogit/Location/state

The name of a state.

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

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

· creator: Marek Meyer

used

- · optional:
 - ogit/Location/Address

1.3.0.37 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

used

- · optional:
 - ogit/Organization

1.3.0.38 ogit/id

General id.

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

- · mandatory:
 - ogit/FinancialMarket/Contract
 - ogit/FinancialMarket/EconomicActivity
 - ogit/FinancialMarket/InstitutionalSector
 - ogit/FinancialMarket/Protection

1.3.0.39 ogit/FinancialMarket/issueDate

The date on which a security has been issued.

• id: http://www.purl.org/ogit/FinancialMarket/issueDate

valid-from: Wed Jul 10 00:00:00 UTC 2019

· creator: Marek Meyer

used

- · optional:
 - ogit/FinancialMarket/AggregatedContracts
 - ogit/FinancialMarket/Contract
 - ogit/FinancialMarket/FinancialInstrument

1.3.0.40 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

used

- optional:
 - ogit/Timeseries

1.3.0.41 ogit/FinancialMarket/thirdPartyPriorityClaims

Any priority claims by third parties on the same financial protection (security).

- id: http://www.purl.org/ogit/FinancialMarket/thirdPartyPriorityClaims
- valid-from: Wed Nov 06 00:00:00 UTC 2019
- · creator: Marek Meyer

- · optional:
 - ogit/FinancialMarket/Protection