FinancialMarket

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1 Module Documentation 1

1.1 Entities . . . 1

1.1.0.1 ogit/Organization . . . 1

1.1.0.2 ogit/FinancialMarket/Investment . . . 2

1.1.0.3 ogit/FinancialMarket/Index . . . 2

1.1.0.4 ogit/FinancialMarket/Corporation . . . 3

1.1.0.5 ogit/FinancialMarket/Investor . . . 3

1.1.0.6 ogit/FinancialMarket/Country . . . 4

1.1.0.7 ogit/FinancialMarket/Exchange . . . 4

1.1.0.8 ogit/FinancialMarket/FinancialInstrument . . . 5

1.2 Verbs . . . 6

1.2.0.1 ogit/contains . . . 6

1.2.0.2 ogit/locatedIn . . . 6

1.2.0.3 ogit/corresponds . . . 6

1.2.0.4 ogit/issues . . . 7

1.2.0.5 ogit/listedAt . . . 7

1.2.0.6 ogit/owns . . . 7

1.3 Attributes . . . 8

1.3.0.1 ogit/FinancialMarket/amount . . . 8

1.3.0.2 ogit/currency . . . 8

1.3.0.3 ogit/postalCode . . . 8

1.3.0.4 ogit/email . . . 9

1.3.0.5 ogit/function . . . 9

1.3.0.6 ogit/country . . . 9

1.3.0.7 ogit/businessCategory . . . 10

1.3.0.8 ogit/sourceId . . . 10

1.3.0.9 ogit/FinancialMarket/currency . . . 10

1.3.0.10 ogit/city . . . 11

1.3.0.11 ogit/FinancialMarket/ISIN . . . 11

1.3.0.12 ogit/status . . . 11

1.3.0.13 ogit/FinancialMarket/maturityDate . . . 12

1.3.0.14 ogit/streetAddress . . . 12

1.3.0.15 ogit/FinancialMarket/value . . . 12

1.3.0.16 ogit/FinancialMarket/acquisitionDate . . . 13

1.3.0.17 ogit/name . . . 13

1.3.0.18 ogit/description . . . 13

1.3.0.19 ogit/phone . . . 14

1.3.0.20 ogit/webPage . . . 14

1.3.0.21 ogit/FinancialMarket/issueDate . . . 14

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/sourceId
  - ogit/status
  - ogit/streetAddress
  - ogit/webPage

incoming edges

- ogit/corresponds <= ogit/FinancialMarket/Corporation

1.1.0.2 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

1.1.0.3 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

outgoing edges

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

1.1.0.4 ogit/FinancialMarket/Corporation

A corporation in the context of financial markets.

- id: 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

outgoing edges

- ogit/corresponds => ogit/Organization
- ogit/issues => ogit/FinancialMarket/FinancialInstrument

1.1.0.5 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

1.1.0.6 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
- ogit/locatedIn <= ogit/FinancialMarket/Investor

1.1.0.7 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

1.1.0.8 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/issues <= ogit/FinancialMarket/Corporation

outgoing edges

- ogit/listedAt => ogit/FinancialMarket/Exchange

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/FinancialMarket/Index => ogit/FinancialMarket/FinancialInstrument
- ogit/FinancialMarket/Investment => ogit/FinancialMarket/FinancialInstrument

1.2.0.2 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

1.2.0.3 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

1.2.0.4 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

1.2.0.5 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

1.2.0.6 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

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

- optional:
  - ogit/FinancialMarket/FinancialInstrument

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

used

- 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/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

used

- optional:
  - ogit/Organization

1.3.0.6 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

1.3.0.7 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

1.3.0.8 ogit/sourceId

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

used

- optional:
  - ogit/Organization

1.3.0.9 ogit/FinancialMarket/currency

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

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

used

- optional:
  - ogit/FinancialMarket/Investment

1.3.0.10 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

used

- optional:
  - ogit/Organization

1.3.0.11 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

1.3.0.12 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

used

- optional:
  - ogit/Organization

1.3.0.13 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

used

- optional:
  - ogit/FinancialMarket/FinancialInstrument

1.3.0.14 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

1.3.0.15 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

1.3.0.16 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

1.3.0.17 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/FinancialMarket/Corporation
  - ogit/FinancialMarket/Country
  - ogit/FinancialMarket/Exchange
  - ogit/FinancialMarket/FinancialInstrument
  - ogit/FinancialMarket/Index
  - ogit/Organization
- optional:
  - ogit/FinancialMarket/Investor

1.3.0.18 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/Organization

1.3.0.19 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

1.3.0.20 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

1.3.0.21 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/FinancialInstrument