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Chapter 1

Module Documentation

1.1 Entities

1.1.0.1 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/Credit/Counterparty

1.1.0.2 ogit/Credit/Instrument

An instrument issued by corporation in the context of credit.

• id: http://www.purl.org/ogit/Credit/Instrument

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

- ogit/Credit/credits <= ogit/Credit/Counterparty
- ogit/Credit/debts <= ogit/Credit/Counterparty
- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/Credit/originates <= ogit/Credit/Counterparty
- ogit/Credit/secures <= ogit/Credit/Protection
- ogit/Credit/services <= ogit/Credit/Counterparty
- ogit/connects <= ogit/Credit/JointLiability
- ogit/follows <= ogit/Credit/Instrument
- ogit/has <= ogit/Credit/Contract
- $\bullet \ \ ogit/reports <= ogit/Credit/Counterparty \\$

outgoing edges

- ogit/belongs => ogit/Credit/InstrumentType
- ogit/follows => ogit/Credit/Instrument
- ogit/reports => ogit/Credit/InstrumentMutable

1.1.0.3 ogit/Credit/ProtectionType

A type of protection in the context of credit.

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

• valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

· scope: NTO

· parent: ogit/Node

attributes

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

incoming edges

• ogit/belongs <= ogit/Credit/Protection

1.1.0.4 ogit/Credit/ProtectionMutable

Mutable data for a protection for a loan

- id: http://www.purl.org/ogit/Credit/ProtectionMutable
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/follows <= ogit/Credit/ProtectionMutable
- ogit/reports <= ogit/Credit/Counterparty
- ogit/reports <= ogit/Credit/Protection

outgoing edges

• ogit/follows => ogit/Credit/ProtectionMutable

1.1.0.5 ogit/Credit/Counterparty

A counterparty in a credit transaction.

- id: http://www.purl.org/ogit/Credit/Counterparty
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/name
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

- ogit/Credit/hasHeadOffice <= ogit/Credit/Counterparty
- ogit/Credit/hasImmediateParent <= ogit/Credit/Counterparty
- ogit/Credit/hasUltimateParent <= ogit/Credit/Counterparty
- ogit/corresponds <= ogit/Credit/Counterparty
- ogit/follows <= ogit/Credit/Counterparty

outgoing edges

- ogit/Credit/credits => ogit/Credit/Instrument
- ogit/Credit/debts => ogit/Credit/Instrument
- ogit/Credit/hasHeadOffice => ogit/Credit/Counterparty
- ogit/Credit/hasImmediateParent => ogit/Credit/Counterparty
- ogit/Credit/hasUltimateParent => ogit/Credit/Counterparty
- ogit/Credit/observes => ogit/Credit/CounterpartyMutable
- ogit/Credit/observes => ogit/Credit/InstrumentMutable
- ogit/Credit/observes => ogit/Credit/ProtectionMutable
- ogit/Credit/observes => ogit/Credit/Instrument
- ogit/Credit/observes => ogit/Credit/Protection
- ogit/Credit/observes => ogit/Credit/Contract
- ogit/Credit/originates => ogit/Credit/Instrument
- ogit/Credit/services => ogit/Credit/Instrument
- ogit/belongs => ogit/Credit/EconomicActivity
- ogit/corresponds => ogit/Credit/Counterparty
- ogit/follows => ogit/Credit/Counterparty
- ogit/has => ogit/Credit/JointLiability
- ogit/locatedAt => ogit/Location/Address
- ogit/provides => ogit/Credit/Protection
- ogit/reports => ogit/Credit/CounterpartyMutable
- ogit/reports => ogit/Credit/CounterpartyMutable
- ogit/reports => ogit/Credit/ProtectionMutable
- ogit/reports => ogit/Credit/InstrumentMutable
- ogit/reports => ogit/Credit/Instrument
- ogit/reports => ogit/Credit/Protection
- ogit/reports => ogit/Credit/Contract

1.1.0.6 ogit/Credit/JointLiability

A JointLiability amount, a shared liability for a contract and a loan

- id: http://www.purl.org/ogit/Credit/JointLiability
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- · parent: ogit/Node

attributes

- mandatory:
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

• ogit/has <= ogit/Credit/Counterparty

outgoing edges

• ogit/connects => ogit/Credit/Instrument

1.1.0.7 ogit/Credit/EconomicActivity

A category of economic activities in the context of Credit.

- id: http://www.purl.org/ogit/Credit/EconomicActivity
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

• ogit/belongs <= ogit/Credit/Counterparty

1.1.0.8 ogit/Credit/CounterpartyMutable

Mutable data for a counterparty of a loan

• id: http://www.purl.org/ogit/Credit/CounterpartyMutable

• valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/follows <= ogit/Credit/CounterpartyMutable
- ogit/reports <= ogit/Credit/Counterparty

outgoing edges

• ogit/follows => ogit/Credit/CounterpartyMutable

1.1.0.9 ogit/Credit/InstrumentType

A type of instruments in the context of credit.

- id: http://www.purl.org/ogit/Credit/InstrumentType
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

• ogit/belongs <= ogit/Credit/Instrument

1.1.0.10 ogit/Credit/InstrumentMutable

Mutable data for an instrument

- id: http://www.purl.org/ogit/Credit/InstrumentMutable
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- optional:
 - ogit/validTo

incoming edges

- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/follows <= ogit/Credit/InstrumentMutable
- ogit/reports <= ogit/Credit/Counterparty
- ogit/reports <= ogit/Credit/Instrument

outgoing edges

• ogit/follows => ogit/Credit/InstrumentMutable

1.1.0.11 ogit/Credit/Contract

A contract, representing a deal, for a loan

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

• valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

· scope: NTO

· parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- · optional:
 - ogit/validTo

incoming edges

- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/reports <= ogit/Credit/Counterparty

outgoing edges

- ogit/has => ogit/Credit/Instrument
- ogit/has => ogit/Credit/Purpose

1.1.0.12 ogit/Credit/Protection

A protection for a loan

- id: http://www.purl.org/ogit/Credit/Protection
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- · parent: ogit/Node

attributes

- · mandatory:
 - ogit/id
 - ogit/validFrom
- optional:
 - ogit/validTo

incoming edges

- ogit/Credit/observes <= ogit/Credit/Counterparty
- ogit/follows <= ogit/Credit/Protection
- ogit/provides <= ogit/Credit/Counterparty
- ogit/reports <= ogit/Credit/Counterparty

outgoing edges

- ogit/Credit/secures => ogit/Credit/Instrument
- ogit/belongs => ogit/Credit/ProtectionType
- ogit/follows => ogit/Credit/Protection
- ogit/reports => ogit/Credit/ProtectionMutable

1.1.0.13 ogit/Credit/Purpose

A purpose for a contract in the context of credit.

- id: http://www.purl.org/ogit/Credit/Purpose
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling
- · scope: NTO
- · parent: ogit/Node

attributes

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

incoming edges

ogit/has <= ogit/Credit/Contract

1.2 Verbs

1.2.0.1 ogit/Credit/secures

This relationship indicates that this entity secures (in the financial sense) another entity.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Protection => ogit/Credit/Instrument

1.2.0.2 ogit/Credit/hasImmediateParent

This relationship indicates that an entity has the following immediate parent, i.e. it is fully, directly controlled by.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

ogit/Credit/Counterparty => ogit/Credit/Counterparty

1.2.0.3 ogit/Credit/debts

This relationship indicates that an entity is the debtor for an instrument.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Counterparty => ogit/Credit/Instrument

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/Credit/Counterparty => ogit/Location/Address

1.2.0.5 ogit/Credit/observes

This relationship indicates that an entity observes another entity.

• id: http://www.purl.org/ogit/Credit/observes

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

- ogit/Credit/Counterparty => ogit/Credit/CounterpartyMutable
- ogit/Credit/Counterparty => ogit/Credit/InstrumentMutable
- ogit/Credit/Counterparty => ogit/Credit/ProtectionMutable
- ogit/Credit/Counterparty => ogit/Credit/Instrument
- ogit/Credit/Counterparty => ogit/Credit/Protection
- ogit/Credit/Counterparty => ogit/Credit/Contract

1.2.0.6 ogit/follows

Indicates if one entity follows another, as in a sequence flow connecting two elements of a process.

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

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

· creator: Peter Larem

Allowed Connection

- ogit/Credit/Counterparty => ogit/Credit/Counterparty
- ogit/Credit/CounterpartyMutable => ogit/Credit/CounterpartyMutable
- ogit/Credit/Instrument => ogit/Credit/Instrument
- ogit/Credit/InstrumentMutable => ogit/Credit/InstrumentMutable
- ogit/Credit/Protection => ogit/Credit/Protection
- ogit/Credit/ProtectionMutable => ogit/Credit/ProtectionMutable

1.2.0.7 ogit/connects

Verb showing that an entity is physically/virtually connecting to another entity.

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

Allowed Connection

ogit/Credit/JointLiability => ogit/Credit/Instrument

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/Credit/Counterparty => ogit/Credit/Counterparty

1.2.0.9 ogit/Credit/hasHeadOffice

This relationship indicates that an entity has the following head office, i.e. it has the following underlying legal entity.

- id: http://www.purl.org/ogit/Credit/hasHeadOffice
- valid-from: Wed Nov 27 00:00:00 UTC 2019
- · creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Counterparty => ogit/Credit/Counterparty

1.2.0.10 ogit/Credit/credits

This relationship indicates that an entity is the creditor for an instrument.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Counterparty => ogit/Credit/Instrument

1.2.0.11 ogit/Credit/hasUltimateParent

This relationship indicates that an entity has the following ultimate parent, i.e. it is fully, directly or indirectly controlled by.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Counterparty => ogit/Credit/Counterparty

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/Credit/Counterparty => ogit/Credit/Protection

1.2.0.13 ogit/Credit/originates

This relationship indicates that an entity originates an instrument to another entity.

• id: http://www.purl.org/ogit/Credit/originates

· valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

ogit/Credit/Counterparty => ogit/Credit/Instrument

1.2.0.14 ogit/Credit/services

This relationship indicates that an entity services an instrument.

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

valid-from: Wed Nov 27 00:00:00 UTC 2019

· creator: Ola Irgens Kylling

Allowed Connection

• ogit/Credit/Counterparty => ogit/Credit/Instrument

1.2.0.15 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/Credit/Counterparty => ogit/Credit/EconomicActivity
- ogit/Credit/Instrument => ogit/Credit/InstrumentType
- ogit/Credit/Protection => ogit/Credit/ProtectionType

1.2.0.16 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/Credit/Counterparty => ogit/Credit/CounterpartyMutable

• ogit/Credit/Counterparty => ogit/Credit/ProtectionMutable

• ogit/Credit/Counterparty => ogit/Credit/InstrumentMutable

• ogit/Credit/Counterparty => ogit/Credit/Instrument

• ogit/Credit/Counterparty => ogit/Credit/Protection

• ogit/Credit/Counterparty => ogit/Credit/Contract

• ogit/Credit/Instrument => ogit/Credit/InstrumentMutable

• ogit/Credit/Protection => ogit/Credit/ProtectionMutable

1.2.0.17 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/Credit/Contract => ogit/Credit/Instrument
- ogit/Credit/Contract => ogit/Credit/Purpose
- ogit/Credit/Counterparty => ogit/Credit/JointLiability

1.3 Attributes

1.3.0.1 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

1.3.0.2 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

used

- · optional:
 - ogit/Location/Address

1.3.0.3 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

- optional:
 - ogit/Location/Address

1.3.0.4 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

1.3.0.5 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

- · mandatory:
 - ogit/Credit/InstrumentType
 - ogit/Credit/ProtectionType
 - ogit/Credit/Purpose
- · optional:
 - ogit/Credit/EconomicActivity

1.3.0.6 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/Credit/Counterparty
 - ogit/Location/Address

1.3.0.7 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/Credit/EconomicActivity
 - ogit/Credit/InstrumentType
 - ogit/Credit/ProtectionType
 - ogit/Credit/Purpose

1.3.0.8 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

used

- optional:
 - ogit/Location/Address

1.3.0.9 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

- · optional:
 - ogit/Location/Address

1.3.0.10 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

- · mandatory:
 - ogit/Credit/Contract
 - ogit/Credit/Counterparty
 - ogit/Credit/CounterpartyMutable
 - ogit/Credit/EconomicActivity
 - ogit/Credit/Instrument
 - ogit/Credit/InstrumentMutable
 - ogit/Credit/Protection
 - ogit/Credit/ProtectionMutable

1.3.0.11 ogit/validFrom

Defines a point in time when something becomes valid.

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

- · mandatory:
 - ogit/Credit/Contract
 - ogit/Credit/Counterparty
 - ogit/Credit/CounterpartyMutable
 - ogit/Credit/Instrument
 - ogit/Credit/InstrumentMutable
 - ogit/Credit/JointLiability
 - ogit/Credit/Protection
 - ogit/Credit/ProtectionMutable

1.3.0.12 ogit/validTo

Defines a point in time when something stops being valid.

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

• valid-from: Tue Nov 29 00:00:00 UTC 2016

• creator: stravlos@arago.co

- · optional:
 - ogit/Credit/Contract
 - ogit/Credit/Counterparty
 - ogit/Credit/CounterpartyMutable
 - ogit/Credit/Instrument
 - ogit/Credit/InstrumentMutable
 - ogit/Credit/JointLiability
 - ogit/Credit/Protection
 - ogit/Credit/ProtectionMutable